<213> Homo sapiens

<400> 584
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ccggtactga ctgtgcgggg tggtctgtct gaggtgggag tccggggtct gcaggtccat 180
ctgtctgtac aggtctctca gctccctgac ctcctgcagc accctctttg cctggctcca 240
attcgatgat gcctctccca gcagccgttc cgtctccagc agcagctgct ctgactcaga 300
atccggcgga gaccgagggg ggtccttggc ctttcgcttc ccatctccca gtc 353

<210> 585
<211> 460
<212> DNA
<213> Homo sapiens

<400> 585
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ggagcagttc acatagagta gaatgtggaa tttcccgtga acgtctcctt cctcccccgt 120
atctgccgcc tgtcacttcg ccaccgtgct agaatactgt tgtgttgtaa gatgactaat 180
tttaaaagaa cctgccctga aaagttctta gaaacgcaat gaaagggagg aacttgtcct 240
ttacccagtt tttcctttgt aggatgggaa agtataaaaa ggcacagaag gttgtcatgg 300
gctgttcctt gggggttttt atcctgctca ccgtggagat aagcctgcgc tatgtctaac 360
cagcgcacgc caaaggtctc aatgcctttt ggtaacatcc gtcattgcag aagaaagttt 420
acacgacgtc aaaagtgacg ttcatgctaa gtgtttttcc 460

<210> 586
<211> 491
<212> DNA
<213> Homo sapiens

<400> 586
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gcagcacagt gagcaacaag caacagtggt cagtaaatgt atatgactca acacattgcc 120
acagtctcag cttggctgtg tggtacatgc tgccaagggt cgggtgccaa gagagagcag 180
aatgaagcca ggtccccaag gaagtgaggg cccaaaatag ggagtgtggg tgatgagggt 240
ggagttcaaa tccagatgtc agagctacaa tcgcccccag ggtagcggac gtcatgggca 300
agggctgggc taaggggctc cttcccgaag tccaccagga agttggggtt caacttcagc 360
cctcctttta ctgtgtctac atcaacctgc agcatcacag agccttccct gatgagatca 420
gggtaaaact gcttgtccca ggcactgtac agcgacgtgg tgatgtagag gcgcttccca 480
tccaggctga g 491

<210> 587
<211> 257
<212> DNA
<213> Homo sapiens

<400> 587
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agaaaaaaga aatataattt ccatattcat tcttatagag cattgaaaaa acataattgg 120
tagagaaaac tgatagaagg taaatagaaa aacaggtttt aatatagtca gataatgcat 180
aaacacaaaa gaaaatacct aaatcacttg cttataacag attttattct cttattttca 240

tactgaacta tgtgtgc 257

<210> 588
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 588
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atcatgagct ttttccaact cctgatgaaa aggaaggaac tcattccctt ggtggtgttc 120
atgactgtgg cggcgggtgg agcctcatct ttcgctgtgt attctctttg gaaaaccgat 180
gtgatccttg atcgaaaaaa aaatccagaa ccttgggaaa ctgtggaccc tactgtacct 240
caaaagctta taacaatcaa ccaacaatgg aaacccattg aagagttgca aaatgtccaa 300
agggtgacca aat 313

<210> 589
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 589
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ctntaccaag ggtgacggaa gtntctacag caaggntaag ggctcgccag acggcgaaca 120
tcaggggtgc atggtgggca ctgcccaggc aataagtnag gaagcagcag ggctggtntc 180
gggtgtgggc cgggcttnat ttctgggcag gcatgaggtc gtcgatggcc tggccctgct 240
ccagccgctg ctccatctcg atgagcagct tcactccgtc caccaccatc ttgcaccag 299

<210> 590
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 590
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taaaaagcaa actggtgtgt attctcatgt ggtttgcaca gcccagcctc acagcactat 120
tgtaaaccct gctctttctg tctcgctaga cagatttttt tgtttgtttt ctttttctg 180

gttgtttttt gttgttgttg ttgttgtttt acagctgaaa ccaaccagca agcccttgat 240
gaccaagagg cgtttctttc aaagctatag ggcacaaaca attgaccata gatgactccg 300
tttgcattct tctgcagaat tatttccttc agggacagat tttccaacct aaggaactac 360
ctaccgngtg tattctcttt gacgggggag agatgaaccc ttcagctggt tag 413

<210> 591
<211> 174
<212> DNA
<213> Homo sapiens

<400> 591
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acaggtcaat atcgtacact caggaatgtg ctgcacaaac tttatccagt tagcagtgat 120
caccccgtga cccacacaca gcttcgatat aagcctagaa agtcttaaca ttaa 174

<210> 592
<211> 286
<212> DNA
<213> Homo sapiens

<400> 592
ttctttttc agtttaattc catttattat tctttaagga tacatacatg gagataaagt 60
gatgaaagag aagaaggcta tggtcaacac aaagttcagt acaggggttc cctctatcag 120
acagggatag agataggttc agcaaaccgc acacggtacc tcaggggaaa ggcaataagg 180
tgggtggtag gcacacaggg gtttgtttat tgtcattatt attactcttt atactttagc 240
atatatatta tatgtgtata tacatatcta tattccattg catgta 286

<210> 593
<211> 340
<212> DNA
<213> Homo sapiens

<400> 593
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tgacaaagag caagtcaagc caaggaaaaa gctctcacaa agaacgtagc tctgttctct 120
taaaatgtgt aactgttttc ctggtagagc aaaatttctt gaaaggggcc cagttgcgac 180
tttaagcagc gtttaaacag cctgcctccg tgtccagcat ttaaatcagc acaagagaat 240
cggctgcctg tgggcctgcc tgagcctcag cctagcttgg agtctgaggc tccaaggagg 300
cctgtgtgta taagccatcc catggtcacc ctcctggaca 340

<210> 594
<211> 404
<212> DNA
<213> Homo sapiens

<400> 594
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tagtttaatc tgtactccag aaattctatt gtactttata tctttacaaa atagatttaa 120
aacaattatt tactttaaaa aatgtaattc tgaagttaag catttcagaa caatatttgc 180
aataacctat atacaagagg tactgggtac actggcatat tagcattctg tggtggagtg 240

gcttcctgca acagaaaatg atgaaatgaa ctatatgaca gtattttcta caagtcattt 300
gtgactaatt cctccataaa tctagtgatc ttcccaaaag caatctcaaa tagcttaaaa 360
tataaccttt aaagtataaa cagtgactgc caaacatcac aagg 404

<210> 595
<211> 345
<212> DNA
<213> Homo sapiens

<400> 595
gtgattccaa aatagagatt tatttattaa ggattattta gtttctgcat aaaaatctcc 60
aattgttcct cattgggttt tttcttttaa aacacacatc aactcttttg gggttgcttt 120
gtttgcccca gcactttaaa aaatacagct ctttttagcg ccaggaagaa cagttaaggt 180
taaggcagtg aggcgttttc ttggatctta gcagctgaag ggttcatctc tccccgtcaa 240
gagaatacac acggtaggta gtttcttagg ttggaaaatc tgtccctgaa ggaaataatt 300
ctgcagaaga atgcaaacgg agtcatctat ggtcaattgt ttgtg 345

<210> 596
<211> 491
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 596
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agtacagggt tcctggctgg gcagcacagg cctggggcga cagtccatgt cttgtctgcc 120
cagggcagtg tcaacttagg cctctactcc atggctgtga aaggacagca gcctcaaggc 180
agtctagctc ctgggcacag gcagccaaac cccctcccat atccagctaa accagctcca 240
ggaaaggaga aggtcctgtt tccccggcat ccttggggcc cagggactgg ttctttcacc 300
ggatgatctt gcctggttga accacagcag catttgggct ttttcatcct ttcctacatc 360
aagaactttc ccaaatgtgg gccctgggcg taaggcaaaa cagtggcctt ggccaaggct 420
ctgggcctct gggagggtcc catctggcat caggtggcgn acaaacaggg tgtcagcacg 480
gagagagctg g 491

<210> 597
<211> 488
<212> DNA
<213> Homo sapiens

<400> 597
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tacaaaccag acagttaaaa atacacttga cactcgaaat ggtgaaaatt ttccttacaa 120
atttttacat caaggtagta gccaactcat tgatgacacc aaaaagttgt ccatcattag 180
tgttttctag agaaagtctg ttgtggattc cctcatcctt agaaaggagg aggagaaaca 240
caagacctgt aaacatcagt tgctttggga acacaggaat tctcatcaga tagttcagta 300
taaaccagta aaaagcgtat gtgttgaaaa tactgaacgc ttaattttgg caaatttgga 360
agcctgccag acaaaaaccg ctcaagtatt tattagaaaa tatttaaaac atactcttgg 420

tatcaataca gttttaaata tttttgagta ttctcttgcc tgttgtattg ctatttaaaa 480
aaaagtgc 488

<210> 598
<211> 412
<212> DNA
<213> Homo sapiens

<400> 598
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tggctcacta tggtagtata caatattgtt ttcacacatg tacacttgaa accaaatttc 120
taaaacttgt ttttcttaaa aaatagttgt tgtaacatta aaccataacc taatcagtgt 180
gttcactatg cttccacact agccagtctt ctcacacttc ttctggtttc aagtctcaag 240
gcctgacaga cagaagggct tggagatttt ttttctttac aattcagtct tcagcaactt 300
gagagctttc ttcatgttgt caagcaacag agctgtatct gcaggttcgt aagcatagag 360
acgatttgaa tatcttccag tgatatcggc tctaactgtc agagatgggt ca 412

<210> 599
<211> 366
<212> DNA
<213> Homo sapiens

<400> 599
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acctgaagat ggaggagact ctgcagtctt ggtcagccac ccttggggca ttgccacctt 120
gcactctagc aggattgatg gtctctggat ttgtagctgt gaccggtcat ggtggaatgc 180
tcggtggttt gcactggaga ggcccacatg gtggcgactg aggccctgtg ggttgaggtt 240
ggctcatgat agctctgaaa gttgatggca caattgagac aaggacgtgg agttctggaa 300
ctttcccagg gtccttgcag cccgagatga agccctccaa cattgcagct cactgctgtg 360
aaggct 366

<210> 600
<211> 418
<212> DNA
<213> Homo sapiens

<400> 600
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ttcattttgt cacattagtc ttttgctgtc aggaaaacaa tctacagttt ctctttagat 120
ctctcaagaa aaaagaaaag cgaaaggatt gttcttcaag aaaacttcct gtgtgtatca 180
aattcaacca tattttaaag ctattctgac tgtgaaaatg agcattattc ataagttgcc 240
ttaaaaaaat tcaaggtagt ttggttttta ccactgtatc aaatagtact tggcttccta 300
ttaggaggtg ggtttataat aaaaagttat gaaacattga taatttattt ggaatgcttg 360
aaactctttt caccttaaaa gtcactgttt ttttcatgtt tcatttgatg atagatcc 418

<210> 601
<211> 412
<212> DNA
<213> Homo sapiens

<400> 601
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tattttaggg gagaaaaatc ttccctacaa aaataaactt aaacccatca aaattataaa 120
tattataact ttttacttct gccatttaaa atgctctcct gcaataccac cccttcattt 180
aacatccttc ctgtaccatc acatattgaa gagaaaacag tattacagca aagcttagat 240
agtttaacat aatgatttgt acaatgattc ttaaaaaatc tttggcctta gtggcctttt 300
ttcttcactt acacattaaa aatgctgctg cagtaaccag tgtttgggaa aggacatcag 360
tcttcaagaa ccataaactg acagaatttc aatacagtag gtttccaaat tg 412

<210> 602
<211> 309
<212> DNA
<213> Homo sapiens

<400> 602
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tctaaaaaaa acgattacaa aaaagaatac ttcatttaag tgtaatactg gctttatgga 120
cgtaccgtga tcagaaagtg aaattaaagc tcatggatat gcgtgagaag agaatgggcg 180
cagaggcacg agtccagtat cccacggaga gaaggaagtg tagagagatg cgtggaccca 240
tctcaggggt cacgcattcc tgggccaagg agttgcttct aagagcttaa aataaatgca 300
ctggctggc 309

<210> 603
<211> 404
<212> DNA
<213> Homo sapiens

<400> 603
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gctaatggtt tctgacatgt acatagcata taacacagca gtacaatgcg gcatatactg 120
gggggcagtg tgtggagggg gcgttcttaa gggtatatgt acagaggaaa gggcgcatgg 180
tcatcttagc tttcgaaaga ggactgcact gtttaacatt gaagaattac atggggaatc 240
acaaatatat tgctttagta ctgcatgttc tgttgtggtg agggaaagaa acatgctttg 300
aaggttttcc cttgtcaaca gaatgtgtgt ctgtagctgt gtattgcgca tgtattcata 360
tatttttaag ttttctccta aggtttttgc tgacagtgtt ggga 404

<210> 604
<211> 566
<212> DNA
<213> Homo sapiens

<400> 604
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gcacgttagc acacacctgt ggttccagct actcaggaag ctgaggcagg aggattgctt 120
gagcccagga gtttgagacc agcctgggca acatagtgaa accctgtctc taagggtgaa 180
aagaaagaaa gaaagaaggc aaaatattag cacagattca ttgtagagaa aatgttatgt 240
atcctcacag actggagcca catacaaaga gataagtagc cttctttccc atgcttccag 300
ataaccagga tgcatctaag gtaagaggtt ggaggaaaga agacacattg ctctgattcc 360
aagggtagag ggaataatga ccagatttca accctaagat agaacccaaa tacttgggag 420
gcttgtggtt ctttcttctt aatggttgat aacacagtgt ccctacagag aggtcatctg 480
aaactcagag gcaaataact catcaggggc agcaacactg gcaacctaac ttagaagccc 540

cgtgtggccc ctttttttatt tggagt 566

<210> 605
<211> 432
<212> DNA
<213> Homo sapiens

<400> 605
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accccataaa attcaaaact tctaccatta tacaaaaata ggtctctaca agtgatatta 120
tctgtcttca tcaccagtag aatatattag gcaaaacatg taacttcagt agccttataa 180
gaaaagtgca ggacacctcg agctacacat tcagcagtat tgtaatgcgt aaaagtttaa 240
tcttttcacc catttgataa atacacaagg tttataattt aatgttttaa attagcattc 300
cacaaatata caggtaattc aataattatt gtgcatgaat acatacacaa tgcttatata 360
tacaaattcc agtttgtttt catgtgctgg caagggattt gtatacaatc ataagctgtg 420
ttcatattgg tc 432

<210> 606
<211> 281
<212> DNA
<213> Homo sapiens

<400> 606
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acagaggaga tagggtgttt cctgtatccg cctcattccc atagaaaact ataagggaag 120
aaatagaact tggaattaaa gcagcagcaa ggcgaggtga gaatgcgatt tctaggccat 180
cttgttggga ctgatgaaca gcatctctga tctcatgatt taacatctgg ttatccagaa 240
gggatgggat tggcctaaaa aaaccgatca atttctggat t 281

<210> 607
<211> 263
<212> DNA
<213> Homo sapiens

<400> 607
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aactgaggca gaccacagga cggggctcca gagggaggac aactaggccc agaacccctt 120
ctggaggctc agagatgcca gtgttccagg aggtctcaca gcatgaaagg ggcctgacta 180
cattcgcttt tagcagtcgg aatggcggat ggtcaggcgg tggctggaat cacatttaca 240
tccttcaaat cagcatcctg ggc 263

<210> 608
<211> 424
<212> DNA
<213> Homo sapiens

<400> 608
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taatcattat aataatttgt gagtataact tttacaaata gttacttgac atataaaaag 120
ggaaattact gtgcatataa aatttatgta gatgaatatt ccacacaaca caatcctgat 180

agcagtagtc aacgcagcac tcatccctcc agatgagggg ctcctcacac acttcatggc 240
acccgtggga acacagtgga agcagatgtg caatgaacat ttacttggca cattagtata 300
atgggtatct attggcaaac acacacttgc taacagcaat actgaaaagt ttactgctac 360
ctctgagatt taaaagaaat gcctggatcc tatcccgacg gctgagaagg accgaggctg 420
aggc 424

<210> 609
<211> 400
<212> DNA
<213> Homo sapiens

<400> 609
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aaactcaggc agagaatgtt tttttttca acaacacaaa ctagcaaaaa caaaggcaca 120
gtaaacattg aggcagaaag tttccagcgt agagatatga atataataat agacacaggc 180
agggatgatt aataaatgat aaaatgttta caggatgatc atcggaatac aggacatttc 240
tacttttgaa aaccaccctc ccaaatactt cattataagt aaggtgtctc taaaagggac 300
agatctccta gacccctcct taaccaagta accagtcctg atatcatgat aatgctgatg 360
gacaaactag accttctctg cccgcagatg gcctaaggtt 400

<210> 610
<211> 441
<212> DNA
<213> Homo sapiens

<400> 610
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cacaggcatg ccacatgacc cagttgaggt ggttgtctcc ttgagtctgt tgacacgtca 180
catggtcaaa gtctcctcat ttcagccagt ctcaacacaa aacacccaac agggatgcac 240
tcaacttgtt ggttccatgt ggaactaggt ggcagggcga gagggaaagt agtagaaggg 300
ggctatggtg tgtctgcatt cagtcccctc acataaagcc acatggatct agggggggtat 360
ccaagagctc tggtggggtc cgtgttgcac ctaagacatt ataggtcaga gcaagttgct 420
cagagggttc caggcagggg g 441

<210> 611
<211> 406
<212> DNA
<213> Homo sapiens

<400> 611
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aacatttagg cctcagcaca tccggtggct acaactagga atcacacatt agtaagcaag 120
ttcatttcca tttcctgaag gatgaattta tcttgggaac atttgagatg ggtacatacc 180
tcccagagcc agacttggga ggaatctgtc aaaaatatca agatgctgag ccttgtctta 240
gaaaggggct tcagaaatgc tttcatgggc ggcggcttct tcccggggta aaggtctcgt 300
ggagctgcag ggccttgctc ccaggatggt aaaacaggga cccagagctg ttaagtggct 360
cccacaaagt cacccaacca ggctgggcca aactgggttt gatggc 406

<210> 612

<211> 305
<212> DNA
<213> Homo sapiens

<400> 612
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tattaaaatg ggcaagataa tgaaggcaca ggctcacttt gtatcaataa aggacatcaa 180
acacagtcat gaggcactaa tgacataagc aatcacaaaa agcaagtgtt caaagtcttc 240
agtaactctt ctccctttaa catttggcaa aactcagtcc agatatttta atacctcaga 300
aagaa 305

<210> 613
<211> 284
<212> DNA
<213> Homo sapiens

<400> 613
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ttaacatcct ttttacaggc tgaactcact caggctgata gaatcaaaat tctttcaacc 120
aaataagaaa aattcaaaat cgtaaacccg taagaaaaca aattaaaaac ggtgatgaaa 180
atacgtcact cctctcgtta ggaacagtgt ctgtttgtac aacaggtatg ctctggaaca 240
ggatttcttt acagcgtagg cacgtgtttc caccttgct ctgc 284

<210> 614
<211> 430
<212> DNA
<213> Homo sapiens

<400> 614
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ctgctgccat agtcagagtc agagtggagg gatgacccca ggaggggaca agaagccaag 120
actgggctgg ggagccgaga aggagataga taaggggggag agggtgcagt ggggcaggca 180
gaggaggaag tctggagccc tggataacaa cacagatata aggtgaaggc ctccctctgc 240
caccccagcc ctgagccaca gacgttgagg tgcaagaaga tggggatttt ggccacaact 300
cctttcccat gtcaaaggga agacactgag agcagacaaa ggccaagtgc ccaggggcac 360
aagaacaagt taacaagtaa aacaattagg gacaccacct cctttcccca gcccattttt 420
cacatttaca 430

<210> 615
<211> 318
<212> DNA
<213> Homo sapiens

<400> 615
ggttactcat tacacattta ttgtacattt tcacaatctg gatgcgccac agaatttggg 60
gcatggggtg gtggttgagg cgggcagggg acactgggat aatatggggg gtctaaaaca 120
cagcaccccc acctccagca tctctcctac cctttcacac cacagcttag atatccctgc 180
tccccctcca cacagaaaac cagaagtgtg gggggaagaa gctttgtggg gccccctcgc 240
cgtggcaggg ttaaagggac tggtacccta caaaccctgt aaatattgtg tccatcttaa 300
aaaggacaaa taagaccc 318

<210> 616
<211> 400
<212> DNA
<213> Homo sapiens

<400> 616
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ttacaggtgc ccaccacgcc cggcttttg tatttttagt agagacgggg ttttgccatg 180
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gtgctgggat tacaggcgtg acgaccacgc ccagccacgt tctgagtttt gaggatccag 300
aaacaaaagg ctggaaagcg acacttctac aggtttactg atgagtccgg agaaaatcca 360
aaaacaaagc cccactgagg gtttgtgaat ttggctgttc 400

<210> 617
<211> 364
<212> DNA
<213> Homo sapiens

<400> 617
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aagttttaaa tgctaaagat tttaaaaatt agttctctga aatttctgta aagccagtat 180
caccagtcat ataaatcttt attttggaat cataaacctt tcaaaaatgt aatgagcatc 240
tacccaaaat tacacctctc tgaaatgtaa ttaaaagcta tccagcaaaa acaaaaataa 300
atatttttct agaaagaaca tatttggcat tttaaaataa tgttaaaaac agctttctca 360
aatg 364

<210> 618
<211> 402
<212> DNA
<213> Homo sapiens

<400> 618
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tgacactgag ccgctcctca gcccctcctc ccatccccaa cgcgcacaac acatgcattt 180
caaatggtaa aaggcttaaa aacagcttgt atagaatatt ctttttaaa tagattaagg 240
ttgaaattgt ctgaaatcag gactgtgtaa tatacaagta tcactgggtc ccgtccacca 300
ggccggccac aggatctgct gccaccactg ggggacattg gcacggggat gcctccctgg 360
gggagccggg ggacccaggg catgggtttg cagtggccgg gg 402

<210> 619
<211> 129
<212> DNA
<213> Homo sapiens

<400> 619
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aatgaaatct cctaccaatc catccagcct ttaccaggga agaaaagcaa ttatttcatt 120
tcagataga 129

<210> 620
<211> 419
<212> DNA
<213> Homo sapiens

<400> 620
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atctttatat ttgtctccct cttctcattg aactgcaaaa ttcctgaagg atgagacctg 120
ggatgtttaa tgcaaactgt acattctcag cagagcacaa gtatcaaagg gacattggat 180
atattttaat aatgatctaa cacaagcaaa aataaccact gaaaatataa aactcaacaa 240
gagacataag aaaaaagcag acagaaaaca aaaaaaattc ttattttaga atgatgctat 300
atgtaacttg taaaatattt aagtttttat acatgagatt atattggttt ccttatttaa 360
agaaaaaaat tacaattaag aatggaaatt aaaatgtaaa accaagataa atatttttg 419

<210> 621
<211> 427
<212> DNA
<213> Homo sapiens

<400> 621
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accagataaa tcatctaaat aaatagatgc tatacagtct cttaccaatg tcagtacaaa 120
aataaaaccg cgctctacat ccactctgac tctcccagca cacacacact cagcaaaggc 180
atgtgcttgg aatcaactcg tgcccccgac ccctcccaga tacattcatt tagtctgaac 240
aaagctcgaa gctcattctg tgcaaaggaa gcgctcttgt gctgagacct ggtggccgca 300
gctggccact tcgaaagcaa aagctaaacc acctcacaga agcacagcgc ctgcccccag 360
aacaagggga caggaggagc ttggcaacga ggtcatcacc cgaacagcag tgacagtcct 420
gcattcc 427

<210> 622
<211> 123
<212> DNA
<213> Homo sapiens

<400> 622
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tttcacactg catcctaaaa taagacagat actctgctgg caagtagaaa atagactaat 120
ttc 123

<210> 623
<211> 357
<212> DNA
<213> Homo sapiens

<400> 623
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caaattggta attggttcag attcatgagg aaaacactca gctgtatctt cattaaaagg 120

cattttacat ttattaaggc ttgaaagcaa gtcctgttat tcatcaccat agttaaaggt 180
ctcgagaaaa tcaagtaact atcatttgga gtgtctttgt aaaatgaaac acttgttctt 240
ttacaaaagc taagcatctt ttgttaagct agttaactcc ccagcttata aaataggaca 300
acgaggtggc caggaaagta agacaaattc aaacatcagc tggataattt atatttt 357

<210> 624
<211> 302
<212> DNA
<213> Homo sapiens

<400> 624
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tggttgtctt gtggtcatta aagacaatgt taagaatcag gagtacttaa gtgctagtgg 180
ttacaaattt tgttctcttc agtttttcat taagtaaatt ctaatagatg atatacatat 240
tactgcagat aaaaccatca tcagaaatta ttaaattaat tgcatatttt gagctactct 300
tt 302

<210> 625
<211> 438
<212> DNA
<213> Homo sapiens

<400> 625
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tcaacacatc tatttatcaa atcaatccac tgcaatgaag aaaaataaat gaacagaaaa 120
atctatgtct gcataggaca tgctctcagt gtgtaattta aatggcaata ctttaaatta 180
attggttata tataatgtca gttatttttc tttcagaata taacctttt tgtagtaacc 240
tattctagca ataggactta atacgactgc agataaatag gactgcaaaa accaaaaacc 300
caaaataatg aaattaaaaa ggaaaaaaaa actgtaactg agatcagagt tacctttcct 360
ccccaataga atacttatcg taaattttaa cactttacaa tggctatttt tgtgctaaaa 420
atctgtaggt gagttatt 438

<210> 626
<211> 376
<212> DNA
<213> Homo sapiens

<400> 626
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ggtgaagaat ttgcacaatg gaaaaccacc ttgaccatct catgacttta tacaggaatc 120
ggaggtaagt gttcctttaa agtgattttg tcatgaaaga gtcatctgaa atgactctcg 180
tgatggagga aaggaaagta atgaaatcaa cattcatggt tatttaaaat gccttaaaag 240
ctaagcataa tatacatagt aactcctttt cctagtataa aaatagtgcc agaaactata 300
tttgttcaaa tatattgaaa aggtataaga atacaaatag atattaacag tggctagtga 360
tgcctcataa ggtttt 376

<210> 627
<211> 493
<212> DNA

<213> Homo sapiens

<400> 627
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gtacaagccc tttatcccaa tccaagtact cagaaaaaga ttaacaacag accctggatg 120
gcacagacat aatttgtttg gcgtgattta aacatataaa atcagtaatt aacatttagc 180
atatcacacg accacttttg cttttaacaa actaatcttc acacatggta acaaatacct 240
atgatttttc atttagaaat attataagaa gactaaactt actattgcaa caacaaaaat 300
ttaacccatt aaactagaaa ctctcttcat ttttccttct tcaaattact gttttgtgtc 360
ttaaactgag ttggtcaaat ttgagcacat aattcatgta gagtgacaga ctttcattta 420
gagtgataga cttccaaggt tcctttgaaa atttaagata ctggtaattc cataaacact 480
cccacaccac ata 493

<210> 628
<211> 396
<212> DNA
<213> Homo sapiens

<400> 628
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gttacaaggt caatacaagc ctccagtgga agctctttat ttggtttaat tccatctcca 120
gagacaaaca ggcaactcta ggacctttac agtggcgatc ggcctcacac agcaaaatgc 180
ctccaaagtt tagaattagt gcaacacaca tacgaacgtt ttaaaggtgc tcaacatcag 240
gttaaaatag aattctggac ctttttaaaa agtttttgga tgatataagc acaggaggca 300
gagcacataa gaaacatgaa accaatattt ctggaaaaac acttagcatg aacgtcactt 360
tttgacgtcg tgtaaacttt cttctgcaat gacgga 396

<210> 629
<211> 336
<212> DNA
<213> Homo sapiens

<400> 629
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tcacaagtta ctgtaaatgc tggggaccat aagcatgggg caggccacgg taaagatcat 120
tttgaatggg caagtctttc aatttccctt acatcacacc aagcaggcaa agcctaaata 180
cagggcagga cttgcctatg tgatgtacca ttccagccct ccttttcaaa gaaaacttga 240
gcagggaccc tgggatacca ccagcgatgg tgggactccc ttttgcaatc caaataagca 300
cgatctaaat gagtccaggt tggagcagat aaggaa 336

<210> 630
<211> 438
<212> DNA
<213> Homo sapiens

<400> 630
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ttctccttaa atcccagtga tgcttttata cttgcaacac gtgtatccac ctctagcttc 120
cctgtgcaga aatgtttggc attggaatgt gaggtatctc tcaggaaaca gagtggcaat 180
gggtaggatg aaacctaccc attgagagtt catgatattc attgtgaaat accactagat 240
atagtccttc attttattta gagagcttga agtttctgat tttatgtaga acagaaaaag 300

aaacacaaat tatacaaaat ttaagtgcaa tcaaaaataa aaatatatgt taaataaacg 360
gttatggtac aaattttgca aagccttcag gtgagccaca aataatcttg gaaattattt 420
taataaagtc attttggt 438

<210> 631
<211> 398
<212> DNA
<213> Homo sapiens

<400> 631
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aatatagtga aagagttttc aaacaaaact cataagaatc tcgaggactt tgtcttttct 120
tattgtgtag aatactaaga aagcatcacc atacagcacg aaaagaaata ttgaaaacaa 180
atcaacagcc tcacacttgg actcgccctg ccccaggacc caggaagagc cccaggagtg 240
tgggtgattg tcaggtgtgg gggtggggca cctccatggc ccatcctgcc cctcccttcc 300
tcttcctcac cacctccctc cctctggaga atggggaaga ggagagaatc cagattctcc 360
attccagcct ccctcccccc atacaaatac cattcctt 398

<210> 632
<211> 387
<212> DNA
<213> Homo sapiens

<400> 632
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ccagcttgta ggctggttga agtacagaac tcagaggaaa aaagaaatta aattttagct 120
ttctggagag cagcccctct ctggcaccat caaacacttc tttgtttccc ttcaacttgg 180
aactcttcaa acatcagggg ttgtgagggt ttggccattc ttttatcttg ggtccatgtg 240
agtgacagaa atggtgcggc ctgggaaaga tctccctcct ttacattttc tcttctccct 300
cctcctcctt attctaaaac tgtgcctcca acagaggggc aggggctctt gtagagagat 360
ccctggccca ggacaggaga tgccaaa 387

<210> 633
<211> 331
<212> DNA
<213> Homo sapiens

<400> 633
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tggtgcttta tttatccaga agcatgagtc acatagtaca taaagtattg aatacaaaat 120
tctaaagata aacacaattt ttcttgaatt taaaatatat gggataaatg cttacaaatg 180
gatttataaa cctttcactt ctacttcatt ctcctggctg tgtcttccga agatgagttg 240
ctagttgcaa cattaaaaaa aaatagctcc ttcaaatcct gacactatat gacataaaaa 300
gaacttttgg caaatattta ttcagattgc t 331

<210> 634
<211> 460
<212> DNA
<213> Homo sapiens

<400> 634
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ggctgtgatg caggtgatcg tgtaatggag aatctctctt tttgaaggct atttataact 120
aacactaaat agttttaatt acagtggaaa ttctgtacag tttaaggctt ggctctgaac 180
tagaatgtaa atatggacca gatttgaaaa taaaacactt tcttttcaag taaaagaaga 240
aaaatcaatt aaaaaataca cggcacggaa aaagtaacta agaaaacaaa gccacaggaa 300
gcccagcagt ttctcctgaa gtgaaatttc ataatattgt aaactaacaa aaatacaggt 360
tttcttccca aaataatgac aatttaagct ctctggattg aacacagacc aaagcaaaca 420
acaaggaaga aatcgcatta atatgctaaa atcagtacta 460

<210> 635
<211> 521
<212> DNA
<213> Homo sapiens

<400> 635
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catacaccag gatttataca cggtggcagc ggctataggc acgatgatac aaaatataaa 180
gtatatttcc atctatataa atacacagct ggggtgggga aggatgctgg gtgatcttgt 240
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tgtgctctca cacacacgca caaacaaaac acagacacag gagagtttca aacagcttaa 420
cactgattgg aaaacaagct tggggacatc cctctacagt aactccactg ctggcaagag 480
cccaggcgtg ggatatgaac agaggtcctc caacattttg g 521

<210> 636
<211> 271
<212> DNA
<213> Homo sapiens

<400> 636
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gttaccatac tcaaatgtaa gatagggaga ggtagaagaa atagctgaga acttgaaaag 180
atgtactgtt attgtcaaca aaccaatgtc ttctcccttc ataaaattgt gtttagggaa 240
tattaacaat taagcttgta tacaatagta a 271

<210> 637
<211> 386
<212> DNA
<213> Homo sapiens

<400> 637
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ataaatatgt tattataggc atttattact aactatagtc cttcttggaa ggaacaccca 180
aaccaatact tataaagtac atgtaattta tagtaacata ttttactata tacatatgga 240
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agctgctgga gatggacctg ctacccctca gcagcctccc caccacaaga caagtgatct 360
caatgtcccc aaacctgtgg gaccct 386

<210> 638
<211> 386
<212> DNA
<213> Homo sapiens

<400> 638
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taacaacaac cagtaaaaca aaaccattca tcttagggtt gaaaggccac tcaaaattgc 180
ataaaaatac attcagttca caaagcaagt ctggctgctt ctccctaaac aaccccaacc 240
ccaccccatc ccaggtgtat ttacagtgga ctgaagttaa tccatacaac tcagctgaaa 300
aacagttaca tctggtgtgt gaaccttggt ggaactaggg tgaagggtgg agtaaagaca 360
caaaatgcta ccactaaaat gggaga 386

<210> 639
<211> 471
<212> DNA
<213> Homo sapiens

<400> 639
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tactgtattg aaattctgtc agtttatggt tcttgaagac tgatgtcctt tcccaaacac 180
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ggagagcatt ttaaatggca gaagtaaaaa gttataatat ttataatttt gatgggttta 420
agtttatttt tgtagggaag atttttctcc cctaaaatag tttctagaat g 471

<210> 640
<211> 470
<212> DNA
<213> Homo sapiens

<400> 640
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acaaagcttt gtaaatttta agaaaaacat tcatagatca taaacaaaaa tttcaatatg 120
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<210> 641
<211> 311
<212> DNA
<213> Homo sapiens

<400> 641
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ccggctgggc tgtgctgagg caggttctag aacagtgatc tgatagcatc caaggcagac 300
catgtgggtg a 311

<210> 642
<211> 394
<212> DNA
<213> Homo sapiens

<400> 642
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tattcagtgt caggtgagat gggttggcct caggttggaa cgctgctttg atgtctagtc 360
cctggtccga aagtgctgca tagcgactgg ctga 394

<210> 643
<211> 308
<212> DNA
<213> Homo sapiens

<400> 643
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tttgcttaaa tttatattac atatttatta aggcaaggaa ctatatagaa aaacacattt 180
gttctgctta aggcatactt gggaataaac cattgtacaa attattgcac atctgaaacc 240
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gacttagg 308

<210> 644
<211> 5654
<212> DNA
<213> Homo sapiens

<400> 644
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<211> 1137
<212> DNA
<213> Homo sapiens

<400> 664

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<210> 665
<211> 2193
<212> DNA
<213> Homo sapiens

<400> 665
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<210> 666
<211> 298
<212> DNA
<213> Homo sapiens

<400> 666
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<210> 667
<211> 255
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 667
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taaaagatga aaatagtcac tttccataat aaaaataagt nctatttttn gtttatttta 240
caatatactt aatat 255

<210> 668
<211> 269
<212> DNA
<213> Homo sapiens

<400> 668
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cagcgtgctt acagaccttg gctttagtg 269

<210> 669
<211> 409
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

<400> 669
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gantgtgggg gctctttaca cccacacaca aaactttaat ttcacattgg gtccaaggtc 360
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<210> 670
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 670
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aaaaggcatt agttttattt ttaataaatt gaactggcct tagatgaaag atatagttct 360
gttcnctatt ttatanctta tttaccgag 389

<210> 671
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 671
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<210> 672
<211> 284
<212> DNA
<213> Homo sapiens

<400> 672
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<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 673
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atttgacatg gcaaaaattt agggaaattg ttccatgagt ctttttttaag gaaactatta 180
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cagtccaagg ggaggttt 438

<210> 674
<211> 503
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

<400> 674
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<210> 675
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 675
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<210> 676
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 676
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<210> 677
<211> 411

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 677
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gatacataga aaagatttta ttttaaaatg agttgtaaag cttgtgtttc tttgttgctg 180
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<210> 678
<211> 420
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 678
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<210> 679
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 679
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<210> 680
<211> 254
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

<400> 680
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<210> 681
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 681
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<212> DNA
<213> Homo sapiens

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<211> 309
<212> DNA
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<212> DNA
<213> Homo sapiens

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<212> DNA
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<212> DNA
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<212> DNA
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<211> 503
<212> DNA
<213> Homo sapiens

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<211> 432
<212> DNA
<213> Homo sapiens

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<211> 375
<212> DNA
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<223> n=a,t,g or c

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<211> 454
<212> DNA
<213> Homo sapiens

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tggcacttgg tagaataaag attggcacca aggattccca agtatagaat acagcttgga 360
gccttctgct taacagactt gtgcttcgtt aattaaacaa acacatctat actcaaagac 420
agaaaaagtc atgtttaaac tccagaaata atgt 454

<210> 731
<211> 427
<212> DNA
<213> Homo sapiens

<400> 731
aaaaataaga tttaatgctt tattgctctt gatggcaaat caaaatatgc tttagaaata 60
aagttaattt actggaaaat aggagttttt gcaccaaacc ataaaattgc atttcattac 120
atcaagagaa ccccctcatt gtctacaatc atgcccgctt cctttcccct cagcgcccgg 180
gacacgtgac cgagatcata ccctaaattc ctgatccttt tgcagttgcc acatactgtg 240
gttttagtac atcataaaaa agtgcttgtc ctgtggcctc agctgggagg cctggcgctg 300
gggctaaggg gcccaaggca ccatccaaag gctgggagga aagaacccaa acccaggccc 360
tcctcctgcc ctccagcctt tgacaggcaa ctcatttggg catgatctgt tttggtgtgt 420
ttaaaac 427

<210> 732
<211> 399
<212> DNA
<213> Homo sapiens

<400> 732
cagaggatct ttacatgttt attaaatctg aatttgaaga tacattccaa tcttgcataa 60
agtgtttgtt gggcttttac attacgtaat taaaaaacaa aatttttttaa ccaattttat 120
gtgccatgtc acgtttaatg ctatcttgtg tgaccagatc ccaccagtaa tgacaaaact 180
gtcttaaacc tcattttttt tttttttttg agacaagagt ttcactcttg ttgcccaaac 240

gagagcaatg gcaccatctc gactcactgc aacctctgcc tcccaggttc aagcaattct 300
cctgcctcag cctcccaagt agctcgggat tacacgcatg cgccaccatg cctggctact 360
tttgtatttt taatagagac agggtttctt catgttggt 399

<210> 733
<211> 488
<212> DNA
<213> Homo sapiens

<400> 733
ttcatatttt aaaataatct tttatttgct caccatagac attctgacct acattacatt 60
gatatacatt atatttattt gcagtgagaa ctgaataatt taccacacag tataaatcac 120
aaaattataa ttcctgaatt tctagcatta ttgttatgca tgtgagcggt taaccagaat 180
aatcaaacat cattgatgtt aatctaagtg agaagttggt aataaacact tctaattatg 240
aatctagaaa tttcaggaga caaattccac cattgaattc ttgtatcttc agaatcagac 300
ctagcatata taatcagaaa ataaattttg aagttcaaat cagtggtgtg tgtgttagaa 360
atgtcaacat gtaaaacaga atgctagtta acaatcacat tttcctaaga aaaaatttgc 420
atcttaatca tacgaatatc acgaaaacag accatttcca gttttcactg tagtcctgga 480
tggttttc 488

<210> 734
<211> 426
<212> DNA
<213> Homo sapiens

<400> 734
gaggtttgga aatgtgcttt tattttcaaa ctcaggtatg tgacactcta cagttcaatg 60
ctagcacacc tgtgtgaggc ttaacaacat gaggaactga tagccagtga tacacaaatc 120
cagcacttcc tctccattta ctctgtcagg ctgtatatgg ggagcaacac atatggcttt 180
gtggcagcca gaaagtgaag gtctttttag gaggtgacat caacaatgac acaaacacat 240
cactctgcaa ctgaaggcag ggaaccagac tcctagggct aagcagagat gtcagacttc 300
agaggcattt gggggactct tcagatccac atcctcactg aaaatccagg gcctgtttct 360
ctccagttca ctaccgcttg ggcagcagct cccactgctt caggctgggt ctttgctttc 420
cagaaa 426

<210> 735
<211> 228
<212> DNA
<213> Homo sapiens

<400> 735
ttttttttt ttttctcttc aaatatttaa tcagtttgga gacctctgca ttccaatcca 60
attgggtaaa aattctaaag aaagcaagat taaggggtcc tcaaagaaaa cactgggcta 120
aaatggagag gagactgggt ttgggaagac agaacatagc atgtgtctga aggcctttcg 180
aaggaattct acgacatatt ttttaaaaat actccaaatg aacaagac 228

<210> 736
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 736
cggtagagac agggtcttgc tatgttgccc aggctagtct caaactcctg ggctcaagca 60
gttcttgcct cagcctccca attgctggg attacaggca tgagccacca tgactggcct 120
aaaacaaaat aaattcttaa tggcatttcg tggaatgtgt ttaagagcca aaactgtgaa 180
aatgtaagct ttatctttct tttttcctag attatttaaa gaggattgta gccacacttc 240
agatgaatgt ttacaagcca aataatgatt taagagtgtg ctcaataaaa aggccatagg 300
tttaagaatt aaatggaata atataaatta ctaggtcaac aagaatattt catgtatagt 360
acactgtcta aggaatgcag agaaatttta caagaaaccc ccagactaaa tacttcntta 420
agaaca 426

<210> 737
<211> 447
<212> DNA
<213> Homo sapiens

<400> 737
atcaatcata tttctgtcat ctccaaccta agatattttt tagattgtct ccctattctt 60
tgattcaaaa gccaattaca gaaactatga acttgaccta attctggttt ttgacaatta 120
tgagacagaa ataaagaaat cgcaagcagt tcttttcttt gcacactgac cattttttaa 180
ttacatcatc ctctatgatg atggtgcttt cacaactgca gctctcctgt atgtcaaaat 240
cattctggtt tccaggtaaa tggacaaagg agatttgcct tcagtgtcta gaaggcaatt 300
tacttttcag ctgccttaat tacctatagt ttaaagaaag gaatgccaca tatagggtcc 360
tttaaacatc taaaatgggg aggttggcct ccaaggggca ccattcccaa acatttgatt 420
tcaagtccca gaagcctttc atatatg 447

<210> 738
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 738
gcaacaaaag aaactattta tttggaatat gcattaccag tacaaattag gagactgtaa 60
aacctacacc gtgttagtat cattagagaa cacaaaagtt cagttggaat caaaagggac 120
agaagcctgt gctctcacag aagcagaaaa gcttaaactt tcaaaaccaa aacagagcag 180
agtttgcagg tttatattct gaataataag aaatggggng gggtaggggg agaataaaac 240
caacaaccaa aggaaagcat ttcaaattga aaatgccaaa ggaaagaa 288

<210> 739
<211> 440
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 739
aaattaaatt ttttattcat ttttttgcat caaaatagtg cttaaaattg gaatttatac 60
tcacaagaca tagctaacat ccaaagtaga caattaaaaa atattatttg aaaattatgt 120
acttagtact gaagacttcc taaatttgca cattagctag attgccatta gcaccattag 180
agagttgatc tttggctaat gattattcag gaaaatttca accattacaa tcagtgagta 240
taattttata tttcagcaac gatagtgggt catgttcagc aacagcttca cttacaaatt 300
aaagtaagct cacttcagtg ttgcactctg atgctgtttt tttacccctt ctcttgcaaa 360
taaccagtga aataaaaatt gcctctaact ggcaatcgna acaagggagg aattatggct 420
agncaactag ttgctaatga 440

<210> 740
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 740
tgtatttaaa aaaatttatt tgtgatctgt acatgtgata aagtggggta gacctttaaa 60
gccaacaaaa caaaaatcca aagtaaaaat gtataaatac aatatatatt ttcttacaaa 120
aatgggagat ttacaaaata tacatactgt acttatcnct attttacaaa tttcacatgc 180
acttaaaaga tacagcacaa aagatgccaa aacctgtgtt ggagttttaa aaatctgaca 240
gatgagatag ttttgaaggt tgaagaaaca caagatcgat tttaatggaa aaagcagttc 300
cactcaa 307

<210> 741
<211> 453
<212> DNA
<213> Homo sapiens

<400> 741
ttcaatataa atgtgtaatt ttaatattta atttaaaata aaaccaaggc tggattgggt 60
tgggaaagaa cgtttgattt gcagaagaat ataggaattt ttttaatcac gacattacaa 120
gtcatttgtg aaaacagcct tcctcctgcc accggtccct atacaacctg cttaggaaat 180
atggaggtga atcatccccc ttacctcttc cctaccaggg cttggttctc cccaaaatcc 240
aaaggagaaa taaatgtctt ccgttgcctc ttcccatttt tacagtcagc ttctaacccc 300
ttgcaaagcc ctgaatcaga gccaagcacc tcagaaaatg agggtccctt ggttctctta 360
ttgaagttgg gcacatgtgg tcagagaagc cccaaggaag gccacaggga ctgacacctt 420
tacttttgga atttgtgcag ccagtttgtc agg 453

<210> 742

<211> 248
<212> DNA
<213> Homo sapiens

<400> 742
atattttcat ttttcatcct aatttactga agccattttc tttggttagc tttagaatta 60
tctttcttta tactaaccag cttagcatgt aataattctt gcccatgtga ctacaaaaca 120
ttagatatct ccacaaataa aaacgagatt caccaacaca aatattcctt ctctttaagt 180
tcacaaaatg caagaagaaa agaaaaatga tgttaggttg tcagtaagga aagcatttct 240
agatgaga 248

<210> 743
<211> 558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 743
tcttgagtca atatgattta ttgttttctc ttctgccatt aacattctag ctactgggta 60
agttgttctc catccttggg atctcatggt tgggaggaga ggtctgggtt ccctcccaca 120
aaactctcaa cgatagaata gaagcacagc tgcctcagtt atctcacggc tgctgctgta 180
accaacatga gttccatatc cactccaatc aaaaccagaa aaatctccac actgctgggg 240
actggcctct ggaaaagtat cctcctccac caatgcagtg atgctcagtg ttacatccgg 300
tgaccctcat tcccagcaca caaggcgttg ggctgctctc tcgttattaa ataccctgga 360
actgaacaaa tcccgcagtg aattcccgct gggccataag gggtgagtaa taagatgctg 420
tttttctggg cgtcgccaaa aatnatagac cacagggatc accgggccgn tggtcagtcc 480
aanactttcc ttctccatat ttcacnggaa aatttcgggt anatgcccaa nagattatgt 540
nccagtgtct gggggaaa 558

<210> 744
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 744
agtctagatg aatttattgc cattcacata tttcatagaa aaaaagatgt agcaaacggg 60
tcagggttgt acaaaaaaaa aaaaaaatcc aggtttatat aggttgctct atttacatct 120
gagagcacag ctgtcctggc atcaggcaca gcagctgcac ttgtctgacg tccctttgca 180
gatgcagccc tgggcacact tggcacagcc cacaggnang canggagcag cagctcttct 240
tgcaggaggt gcatttgcac tctttgcatt tgcaggagcc ggcacaggca caggagccaa 300
caggcgangc aggagcagtt ggggtccatt tcgaggcaag gagaagcagg agttcccgat 360
tcaagaggaa aacacgcagc gggacagatt ctcgtgccga attcttggc 409

<210> 745
<211> 298
<212> DNA
<213> Homo sapiens

<400> 745
atccagtgta aaaaggaagt tggaatggga gttggcgggc agtgaacgag tgtggggaag 60
gattggtgct ggggcaacag gaaggggcct tgggcgtttg gctgcactaa ctttggtagc 120
tcagtgtgca tctagagtgg gacttgggag ggagctaagc ttgggctggg ctgcttgggg 180
cttggcatag ggtggaaagg gctacctggg gctctgacca cactgtagta tgtgtggagg 240
ggcctcccgt ctcccacaac ttctgctata acaataaact gtagaggatc ttaaagag 298

<210> 746
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 746
gaagtatact tccaagcaaa atttattaga tgtctattca agaaaaacac aatgaccttt 60
gcttgtaaga attcaaagtc aattacctgg aagccaggta tgaatagttt tttcttttaa 120
aatcagatac agagagtaga aacagtaatt tttcttaaat atgacaggca acagatattg 180
aagtcttttc tcataaatgg catcaaagag aattattcat ttatcagcaa agngcatgca 240
gttgacttaa tttcaaacct gaagccttta aaatatgaag ctggttatga acttgacaga 300
aatcaaggta ggctactcaa cgatgtttct ttaccttctt cctaatggaa attcccttgt 360
catcagtcag tagatatgta catttcattt gggcttctac ggatcttttt aaccttcata 420
ggatttttgg cataaa 436

<210> 747
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 747
gaatgtatat atttattata atctccaaaa taatttcact tggtacaact gcttcttaaa 60
accatatcaa tatcaggctc agaatttaat tacaaccaag caattcacaa aaacactgag 120
caacaaaaca tgcttaatat ttctttgaga aagacccttc aaatatgtgt acagcatcac 180
tgggagttac acaaaactgt tacaaggtga ccattaagtg ccccaattct gcacttctga 240
catacatgaa tggctaatgt aaccacgttt gggaatcttt ttacatctca aaataaagct 300
ttctgatgca acttgccatc cttttaaatt ttaaaggata ttcttgggta attccttagg 360
aaagtaaaac tacacacact ttcagagaaa ccaataagct gcttagattt ttaaaatttt 420
ttatattata cacttcaatt atggggtatt taattaaagn cctccaaaaa aanc 474

<210> 748
<211> 147
<212> DNA
<213> Homo sapiens

<400> 748
cagtgtccat aaataaagtt ttattggaat acagccacgt tcgttcatgt atgtgttgtc 60
tatggctgct tttgcactac aatggcagaa ttgggtggtt gcaacatatt ttatggcccc 120
cagccctaaa atatttactg tttggcc 147

<210> 749
<211> 441
<212> DNA
<213> Homo sapiens

<400> 749
ttttttttt gtttcaacca caagtattta ttgatggatc gaagatacaa ttttaatgga 60
acaataaggc acaaccgtgg attaaaacac tttgctatac agccaaaagg ggggaaaatc 120
tataacctta ggaactttat gccaatcaag aagcctctaa agtacctctc taatagatca 180
gtatcagaca ttcttccctt ttacataatt cctatattac atcacttaat cataaaatct 240
gactgatact tcataaagaa ttcctcattc atttatattt gagccatcca gcctggctac 300
tcccctgttc tccacccttt tccatcactt tgcagtggta ttttttagca atcttcaata 360
gttttccaaa gcaaggaaac aagcaagcaa gcaatgagtc agaaagtcaa ccaagggcag 420
atgtgtgggc taaatacact c 441

<210> 750
<211> 447
<212> DNA
<213> Homo sapiens

<400> 750
ttttttttta taaagaaatt ttattgcata attcttgtat acaataaaca taggaaaagg 60
gtttttaatg aaaattcatg tcatttttca aaagtgttga actgtctgga gaaaaattat 120
tacaaagcta tctaaggcaa aaataatatt taaccatcta aacaaaagat aatccccttt 180
accatttgtt ttgtatttaa agcaagacat tttaaacaca agtaatacgg agaagttttc 240
aaattgctac gtcatttgca ttaagaattt aaatgcatct aagaagtgaa gagtttaaac 300
acatgggaat gttctctagt aacagatatt gctgctttct tcagatccat tctgcttgaa 360
tgtaaggcta tacttttgc acaccaacag aattctggca tcttctaatg gtacagtaag 420
agctggagtg cagagaggga aagtccc 447

<210> 751
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 751
ttttntgtna aatcatactt tattctggag cctcttggtc aggcttgatt cgcacactcc 60
ctctgcagtg actccaggaa ccccctctcac agctcagagc ggaagtgaag gctgcagctg 120
ccatcttctc cgcatagtcc gcatcgaagc gctcattctg cgccacggtg aaggtggtct 180
tccagtcccc agccatgcct ttcctcatga agggggagat gctgtggtcc atgaactccc 240
ggcggacggt ggtgtagttg gtcatagggt tcttcttcat ctccttgaac gacgtgtgct 300
caaccatgag gtccacagtc tcctctggca gggagcgccc cacaaactcc agggatcttt 360
ttgaatctcc cttttggggg ttctccttca tgtcttcata gaagaggtag agaacagggt 420
g 421

<210> 752
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 752
gcatcaagaa ttantaaata cagtgtatca ttattttaaa gacatgttta gggaaaaaac 60
cagcttctct tccccttaaa gttattggtg gtgggagggc aagagaggaa gagatggcag 120
ctttttaagt gaaattttaa tcttatctat cttttgttca ttttgagtcc ccaaataaaa 180
tatttctgta ctttaatttc ttaatcacta ttgtcagctt gggttgctac acatttaatt 240
acaatataaa gttgacattg agggatgaag gaaacttaat tatacttttc cttatttcta 300
tttaaccaat aaggatttta ataggcaaat taggaacaag gattttaccc tcccttaata 360
actaaggggt tagggtaagg tgggaatttg gtatccaggt aacncggggt ttcnggattc 420
nggggtgtac ccggt 435

<210> 753
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 753
acttccaaga tnaacatttt tctgtttatt cttagaatgt gaatttttt tttcaactca 60
gggccaagta caaacttttg atttttgaaa ttttttcaac tcagggccaa gtacaatctt 120
ttgatttaaa aatttttttt catgaacaaa ccatcagtag ttattaagga gcccaagaaa 180
taggagatgt gaaagcagga tttctttgtg tttcctttga atgttgttat tttgagtatt 240
atcattatca gggtaggagg gaaggaaagg gtagggctgg ggaaggtagg gtccttatgg 300
atatcttgac tatgggatcc ccaggattta catttcacct ggtcacagng gcacacataa 360
tttaggataa acatgttcaa ggaatggaca taaacagagg ggtaaacaca gggggggctt 420
acatttgggg g 431

<210> 754
<211> 348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 754
nctttttaat aatttcagaa taaagtctca tttcagtgca gtgggctggg tggtggggga 60
gagggttgaa agccccactt gggtccccga gggtccattg agccctctca ggccagctcc 120
aggaatcctg ggcctgggtc acagagcaga gttgcttgca gggtcctagt ggccatcggg 180
ctggggcagg acatcatctc tcagagggtc agaggctcag agctgggtgc agctcagcag 240
gtcacggccc tccaccagct ctgggttctc ccgcatcatg tgggtgggct gctttttccc 300
ccaccagggg cctnagctcc agcagctngg tggggtnagc ttagcaac 348

<210> 755
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 755
ttttttttttt actatcttca aatttgtttt atttcttgtt cataattaac agtgcaaagn 60
aattacagcc tttaccactt atgcagagat aacgaatcaa atttcaaagc ataataggta 120
tgttactacc tttttacaaa accatgaaaa gcaaaggatt tatgcctaca ctaggtgaag 180
aagccacact gttatatgtt atgctaggat gtgtatgcca ggggatcaag tgtgctacaa 240
ggccaagagc aaagacctgc aattactcca aatgatagcc aagtccttct tcgggcatct 300
ttatggcatt tacctaaatt atgcccgagg ctctgtggtg tgtgtgtgtg tgcacggtgt 360
ncatatatgg tttaaggggt tcaaaaggga tttgggggcc cagttggggg ttcatttgct 420
aggg 424

<210> 756
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 756
ttttttttttt taattttatt aagtacacac tttaataacg actataaagg aaatatttta 60
cagccataga gatcaataac tttccatgcg gaaataaaaa attcattgct caataacatt 120
attgaggcaa gtgaagaaag attactctct tgtcaatctg aaatgttaat tttttcagtg 180

caaaaccagt tataaaatat ttaaactcaa tatttaaaaa taaaangtgg nnccaattca 240
gcaatgttca agttctaaat ttcataaaac aaatcattac atacatttta tagtaaaata 300
c 301

<210> 757
<211> 266
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 757
ttttttttnt ttttttttnt tcttnaccaa gactgttttt atttaaaata tacttggaat 60
aggtgaatat taatctaagc attttcctat cacttttaaa attttatact atgtactttg 120
tattaaatag tacagtagtt tcagtaagac atgtaaaatt tgccatttta accaccttaa 180
ngtgtacaat tcagngacat ttattatatt tacaatgttg tgcaaccatc accactaatt 240
catcaaattt taataatctt ttaatt 266

<210> 758
<211> 345
<212> DNA
<213> Homo sapiens

<400> 758
ttttttttcc taaggctcta cttcaaagtg ctggctattc aaccaactaa tctgaatagg 60
tatttggatg gtgaggtaaa agctatttta aggtctgttc tcatctcact ttaataaggt 120
gaaaaaaatt gccatatgta ctaaaaatag ttcactgttc tgaaactcaa tgcctgtttg 180
ccaaaacaat attaatgatg catattctat gcatttttc cccaaatatg ggcatctgcc 240
gtgcacaaaa ttcaggaatg ggaaaccacg agatatttga aataacacca tcctctttac 300
atgggttaaa aaagtcaaat ggaatccagt tacttttaat taaaa 345

<210> 759
<211> 382
<212> DNA
<213> Homo sapiens

<400> 759
ttttttttaa agaaagttta ctatgtgtaa tgcaaggcac ttatgtctct gcttaaagct 60
acaagggaaa aaatgacaag cccagttttt ttcaagggaa atatttttc tctgtgaaag 120
gtcagtagta aaagagctag tttaaagtca tggagttttt gccaaaaacc atgtctcgag 180
gttttatgca tttctaatgg ctttgcccat aggagagata cccagagtgg acaaacagag 240
gctaaggaaa aaaatgctgt tcatttagat cagaataacc tcgctccaat ctgggaaacc 300
actcaaatga cacatacaag tctgtatgaa aaggcaaaac aaactcctgg gtgatatgca 360
gttattccat tcaacatgtt ta 382

<210> 760
<211> 356

<212> DNA
<213> Homo sapiens

<400> 760
gatggagaaa attttattta tgtaattttc atctgtagag atgcttctgt cctcatcttt 60
atatttgtct ccctcttctc attgaactgc aaaattcctg aaggatgaga cctgggatgt 120
ttaatgcaaa ccgtacattc tcagcagagc acaagtatca aagggacatt ggatatattt 180
taataatgat ctaacacaag caaaaataac cactgaaaat ataaaactca acaagagaca 240
taagaaaaaa gcagacagaa aacaaaaaaa attcttattt taggaatgat gctatatgta 300
acttgtaaaa tatttaagtt tttatacatg aggttatatt gggtttcctt atttaa 356

<210> 761
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 761
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caaaataatg ctcaaaaaaa tcagtgttta tgtacaaata ttaaaatcaa tgcaatagca 120
acttcctctt gaacatctga tactgaaact tgttctgatt gtcactaatt tatctcatac 180
tcacagggta cttatttcaa actgggacaa ttggaatcac tggtcatcta agaggaatat 240
taatatctac catatttaac aataaaacta atagtttcct ccatttagtg aaaaaattag 300
ggaacttttt aaaaaacata ggtaacgtca atattttatt aaattatttc aatttccntt 360
tgtgggccat gtgctttgga aactcggggc aaacattctc cntgggnggt cgggttnttt 420
gttaggttac ttcnagttgg attt 444

<210> 762
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 762
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aaggtttgct tttcctcttc tccaggggaa gctactgcaa gaaggcccac cagccaggct 120
aggtcaaatg gggttggggc cacaacatga tagttaaacc cataaacaca gacttgattc 180
gntcccagct tcacgacttc ttagctgtgt gaccttaggt aagtctgtta acctctctca 240
gccttggctt tgtggagtgg agtgaagagc agggcctgct tcactggggt nttatcagga 300
tggaggggga caaggcctnt gaaagtnttt agcacagcgc ctgggcagat cgtgaccagt 360
cacggagt 368

<210> 763

<211> 261
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 763
agtannatac cacagagaat agttgggatg aaaggcatcc agcccctgct tcctttaaga 60
tggcctctag gcaggtgggt gttctgtaag cctggcaaaa attctggagc caatctctgg 120
caaggctgag tgccaggcgg ggcctaggga cccagggtcg gtgcttaatg cctcccgccc 180
attggaaatt actgacctcc aaatatatat atatatatgt tttttaattt aaaggggaag 240
tacactgcac accttcctcc a 261

<210> 764
<211> 691
<212> DNA
<213> Homo sapiens

<400> 764
gacccctcac actcacctag ccaccatgga catcgccatc caccacccct ggatccgccg 60
ccccttcttt cctttccact cccccagccg cctctttgac cagttcttcg gagagcacct 120
gttggagtct gatcttttcc cgacgtctac ttccctgagt cccttctacc ttcggccacc 180
ctccttcctg cgggcaccca gctggtttga cactggactc tcagagatgc gcctggagaa 240
ggacaggttc tctgtcaacc tggatgtgaa gcacttctcc ccagaggaac tcaaagttaa 300
ggtgttggga gatgtgattg aggtgcatgg aaaacatgaa gagcgccagg atgaacatgg 360
tttcatctcc agggagttcc acaggaaata ccggatccca gctgatgtag accctctcac 420
cattacttca tccctgtcat ctgatggggt cctcactgtg aatggaccaa ggaaacaggt 480
ctctggccct gagcgcacca ttcccatcac ccgtgaagag aagcctgctg tcaccgcagc 540
cccaagaaa tagatgccct ttcttgaatt gcatttttta aaacaagaaa gtttccccac 600
cagtgaatga aagtcttgtg actagtgctg aagcttatta atgctaaggg caggcccaaa 660
ttatcaagct aataaaatat cattcagcaa c 691

<210> 765
<211> 2704
<212> DNA
<213> Homo sapiens

<400> 765
gcttagtgta accagcggcg tatatttttt aggcgccttt tcgaaaacct agtagttaat 60
attcatttgt ttaaatctta ttttattttt aagctcaaac tgcttaagaa taccttaatt 120
ccttaaagtg aaataatttt ttgcaaaggg gtttcctcga tttggagctt ttttttttctt 180
ccaccgtcat ttctaactct taaaaccaac tcagttccat catggtgatg ttcaagaaga 240
tcaagtcttt tgaggtggtc tttaacgacc ctgaaaaggt gtacggcagt ggcgagaggg 300
tggctggccg ggtgatagtg gaggtgtgtg aagttactcg tgtcaaagcc gttaggatcc 360
tggcttgcgg agtggctaaa gtgctttgga tgcagggatc ccagcagtgc aaacagactt 420
cggagtacct gcgctatgaa gacacgcttc ttctggaaga ccagccaaca ggtgagaatg 480
agatggtgat catgagacct ggaaacaaat atgagtacaa gttcggcttt gagcttcctc 540
aggggcctct gggaacatcc ttcaaaggaa aatatgggtg tgtagactac tgggtgaagg 600
cttttcttga ccgcccgagc cagccaactc aagagacaaa gaaaaacttt gaagtagtgg 660

atctggtgga tgtcaatacc cctgatttaa tggcacctgt gtctgctaaa aaagaaaaga 720
aagtttcctg catgttcatt cctgatgggc gggtgtctgt ctctgctcga attgacagaa 780
aaggattctg tgaaggtgat gagatttcca tccatgctga ctttgagaat acatgttccc 840
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cagccatagc actttgttca ctgtcctgtg tcagagcact gagctccacc cttttctgag 2640
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accc 2704

<210> 766
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 766
caaaaaaaat aaggtgtctt tattgtnttg gatgcaaata tagtttaaaa aatgcattgt 60
agtgttgant acagctggtg gaaacgngct ttttgacagc ngngcaatca gaggggtgta 120
ctcagggtga cgtggaccgg agggggcctc tggcaaacca gactcttctc tggtttgtnc 180
ttcagaccac gaggtggaac catctcttca aaggagccct gccaccatca ccaaagctca 240
caccagaaaa aaccgccatt tacacaacaa actgaacctg aaaaaggaac ggaacatggt 300
gcttccgccg tgaacaaaat cagcaagtga atccgttttc ctttcccggg cttttcgnaa 360

aagattcggc tagaggaaaa ggggggcact ttggggcagc ccntaggg 408

<210> 767
<211> 281
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 767
agtgtaataa ttttattaat aaaacgaacc catagggttc aaacaagcat acaaagtaat 60
tcccttccct gtgggttaaa ttgttacatt tttaataata aaactaagan agctttcata 120
gttaacttac caaaaacata acgcttgcct attgtttctt actgtgcaaa acaaaaccaa 180
agttttgccc acaganggnt tttgtgcacc aaancatgca catttncaat ttcaaaattt 240
ctgcatcaaa atgnaaattc caaggccacg tttttgtttt t 281

<210> 768
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 768
tttaaaaata tgatcattct ttattgttaa ttggtaatat tttctcatac attaggtaaa 60
tgtcaagctt tgggtctctg gagtataact ttttgtaaca ttagccatta tttggtaaca 120
gaatttaagg atgatggaat gatggaaggt attacatntt tctaaaactt aattaagctc 180
taggtcagat aacaatggag taaagtgata cctgcgtttt tttccccagt gtaatcttaa 240
tttactattg tattttncac ttaaaatttt gtagggaaaa aagttttcaa gggaacacta 300
agattaaatt gactaggttc aaatatgctt ccccaatga 339

<210> 769
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 769
aagagtttaa cacaatttat tttatgctta aataatcgac taggtcatcc agtgtatggt 60
ttttcataca tatgtcatta gagctatgng tcaatgaatg ctgattttat gngaatataa 120
tcaacaaatt aaaganttte accaaaaccc aaataaaaat gccctttaaa acacagcagc 180

cttattaacc taatatgaca ctgctagaat ggttacaaat gattggctta ctgaaagggg 240
tctacatctt ntagccagta cacaatacag taataatttt ncagngggct gccattctac 300
tagctaaggg tttctgntca gnccntttta aataccccg actggggccn tttatgngca 360
ccatncacct 370

<210> 770
<211> 367
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 770
ccatgttaag aatattttat ttgtttttg agattacata gtcattattg ctgatctaat 60
acaatcactt agacataaag atttccaaga acttctcaga aatggtgatc tttagaagtg 120
ttattccttt cagtaagatg acaganctag atgattacgt atatagatat atagatatat 180
atatatatat gtatatatag ngtttagaac ctgtccacat ataatttgct ggtgttgcct 240
attttccttc cgtaattttc cnttattgaa aaagcttaat gcaacaatgc attttgattc 300
ctttttaaaa accacgggca aagttaattt tgagaaaacc acaggngcag caatatcaga 360
tctgttt 367

<210> 771
<211> 163
<212> DNA
<213> Homo sapiens

<400> 771
ttttttttt attttttttt actgttgacc atgtagtttt atttcatcag tactcccatt 60
tttaatggat tcaggcagca ccccagagta caggactgag ttcctagggg tggcctgacc 120
cagcagctgt cttcttttcc aggaggaaaa agcttttat taa 163

<210> 772
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 772
tataatagct accatttatt gagcacctac tttgtgccag gcantttaca tacatttgtg 60
cttataattc ttacaacaac ctcgggaggt aggcattatt atcaccattt gacatatgag 120
aaaacagagg cttagcaagg ttaagcggct tgttcaaggt cacagagctg gtagataagt 180
gatagaatca gcacttgagt tgtgcatctg tgagggcccc aaagctttca tcaggcattt 240
tccacactga gaaaataaag aaggtagagg agtgggtgta ttagtctgtt ttcacactgc 300
tgataaagac ataccccgag actggggtaa tttatggaag ganaaaggag ggttttaatg 360

gaactcacag ttccctgtgg gctggggagg gcctcaccaa tcatgggtgg gaa 413

<210> 773
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 773
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cggtagagca gggtaggagc acatgatgca tccttcagcc actgcaacct ccagagggac 120
caggtcttct tcaggaaatc ttcgttcctg gtggatgact gatcagccat aacatgggga 180
gaagtcctgc gctctccatt tctccatcgc tggcttctcc tgggagtcat gccaatcatt 240
ggtctggtcc ccgtcaaagt ttccacaggc cccacacagt ttcccagcat gggtcattgc 300
tgacaatcac agccaccttc ccattgggct ccaagccacn acctggggac ccctgccttc 360
tggcgggant tagcagggga gccattcagg gtgttacgga cttcacggn 409

<210> 774
<211> 281
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 774
tcaggattta accatggttt attgcagacc tattgtgtgc caggcatgag ccangtgctc 60
ccacaaacag cgtctccagg tacgagaagt gtaatttcga ccctggaaca ccttcctgca 120
ctcagacaga agcatgtgca gactgctctc agcaacgcca cctccttcac tccctggcca 180
ttgggcccct tctctctacc tgtcccctgt cactccactt cctgccccag gncttctctt 240
agggattttc cagggctttg ggggagctgc tgctttcagt t 281

<210> 775
<211> 298
<212> DNA
<213> Homo sapiens

<400> 775
taaagtttat ttcatttta ataacaatta gaggacaaaa tgtttaaaat ttgcagttta 60
aaacatgcac attcacaaaa ggccaatgac acataacact gcatagaaat aatattactc 120
aattttaata actataaaac acagtgcatc aaacatcaag ataaacaaac ctgagaaaac 180
tactataacc acagattcaa tactctccac tcatgcagct tcacaatttc tacagcagtt 240
tcagcaggaa tggtttttca gggagctgaa aatactactt tatctttaac gcaaaact 298

<210> 776
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 776
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gcagcagagt cgagtgttag agtgcaggnc cagagcgggg agaggctggn ggagttgggg 120
nctggagntg gggctggtta cttggtgacg tgcagantct ctctgggggg ctgcagctca 180
tcttgggggg agctggactc agatgccccc gtangtgcaa aagcaacatc cacatctcac 240
tcctcccggt gctttttgcg gtattcctgc agcgtttctc cgccacggtc tccataaatt 300
tagggttctt cctgggagac ttctacaggg accgtcacag tgatgggatc agagtcaaag 360
agcttcacga ccacctcagt gacac 385

<210> 777
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 777
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ggaatgtagc aaatgctcag ggttgtatga aaaaaaaatc caggtttgtg caggttgctc 120
tgtttacatc tgggagcagg gctgtcccca catcaggcac agcagctgca cttctccgac 180
gcccctttgc agacgcagcc ctgggacact tggcacagcc atggnagacc aggagcagca 240
gctc 244

<210> 778
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 778
ggtgaattat tgatttattg cacatcagga gaaacacaag attactgcta taataaattc 60
actcttacat gctttagaaa aatcagtaaa aatagaaaac atggtaacan ttaaagtgaa 120
aaanttgggg tcattaaaga atgtctgact gattagcttg cagttttga gacggctgag 180
aactaccatc aatgagatca ccttaaacaa acactcttaa tgacttggaa aaagtccccn 240
tcccaaagtc aactntaggg nattcaatat tgtgatattt aactggaatt taaggttatg 300

gtttaaaccc cattttattg aggtaggngg gagggatt 338

<210> 779
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 779
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cacccaaaaa aaaaaaaaaa gccctggttt caaattcatt ggtaataaat atgctaactt 120
tctgaatcaa aatggagagc ctctcaagaa aaagagctat gcagtcagca atgacttaaa 180
ttagtcagga tagcaggcat ctggggttaa ggctgtttcc accattttgg tctcaccacc 240
atatacgngt gggaccacag ctgtgtagca cttgtttcng tcataagtnt agcaggtctc 300
tgtagcactg tcttcatcac agatattgct ctggggtagc agtaactatc tgattatccc 360
agctccactt ctgtagggnc acatttttta cagaggtcag acaaatgggt acacaaatct 420
ggttccccaa tgggtnaggt ngggtccaga gntattctcc ccgtt 465

<210> 780
<211> 232
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 780
ttttatcaac tgtnaattga tataattata attggnatgc aatatgtctt acaacaaatg 60
tggatacaat gacatcaaat atcaaagaat tttcccacct ttccatcttt aaatgacttc 120
agctaactta ccccaagnga aaaatctggc attganctct tggntagcat tattaccaat 180
atcaactagc actattaaan tcaaagttga aatgggacat tcntttgccn aa 232

<210> 781
<211> 3345
<212> DNA
<213> Homo sapiens

<400> 781
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cagaaaggaa tttgaataaa gaaaactatg atacttcagg cccatcttca ctccctgtgt 120
cttcttatgc tttatttggc aactggatat ggccaagagg ggaagtttag tggacccctg 180
aaacccatga cattttctat ttatgaaggc caagaaccga gtcaaattat attccagttt 240
aaggccaatc ctcctgctgt gacttttgaa ctaactgggg agacagacaa catatttgtg 300
atagaacggg agggacttct gtattacaac agagccttgg acagggaaac aagatctact 360
cacaatctcc aggttgcagc cctggacgct aatggaatta tagtggaggg tccagtccct 420

atcaccatag aagtgaagga catcaacgac aatcgaccca cgtttctcca gtcaaagtac 480
gaaggctcag taaggcagaa ctctcgccca ggaaagccct tcttgtatgt caatgccaca 540
gacctggatg atccggccac tcccaatggc cagctttatt accagattgt catccagctt 600
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acccgagagg gatctcagga attgaatcct gctaagaatc cttcctataa tctggtgatc 720
tcagtgaagg acatgggagg ccagagtgag aattccttca gtgataccac atctgtggat 780
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tccttagttg acaaagagaa gctgccaaga ttcccatttt caattgacca ggaaggagat 960
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aaagcagaaa atcctgagcc tctagtgttt ggtgtgaagt acaatgcaag ttcttttgcc 1740
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gatccagaag gtctggacat aagctattca ctgaggggag acacaagagg ttggcttaaa 1920
attgaccacg tgactggtga gatctttagt gtggctccat tggacagaga agccggaagt 1980
ccatatcggg tacaagtggt ggccacagaa gtaggggggt cttccttaag ctctgtgtca 2040
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<213> Homo sapiens

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<210> 792
<211> 372
<212> DNA
<213> Homo sapiens

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<210> 793
<211> 3565
<212> DNA
<213> Homo sapiens

<400> 793
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<210> 794
<211> 421
<212> DNA
<213> Homo sapiens

<400> 794
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ctattaacca actccccctc ctttccagta ggctgcaata cattaataac tcatcctcat 180
cccataagag ggttaagcaa tgatttacat ggaattacat caaggcactt gctttaatta 240
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caggcagtat actttttgg tgaatagaca agactgagaa tttaagttca ttcacctgtc 360
accctgatat tgtcttggtt tgtgtacaaa gttccaaaga agaccaaaaa aagggtaggc 420
c 421

<210> 795
<211> 698
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 795
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<210> 796
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 796
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taaatgcatc ccttcctttc tttcctgctt cctttggctt acaattgaag caggccgtgg 360
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ttggtgaggg tgggcactta ttaatgtctg ntattgttaa gccatccagn cg 472

<210> 797
<211> 398
<212> DNA
<213> Homo sapiens

<400> 797
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taactgtatg aaatttaatt agattacgtt ttagcattag tcagaagatt taaaaaatat 180
gtaaaatgtt ttcacagtac tttggattta taaaagaccc cattatttta acttttgtgc 240
aacctgtttg aaatgtataa aaaacctttt acaaaccaaa aggtggcgta aggttttact 300
gagttgctga agacatctta ctttcttgaa tttctactta aacatccatg tggtgcactt 360
tttcaggcag tgtaataagt ggcaaataaa taatcaat 398

<210> 798
<211> 384
<212> DNA
<213> Homo sapiens

<400> 798
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tacaaaatta taaaatattc aggatagtta atatttttc cataaatgcg ctaagataaa 120
aagatagaaa tctttttcac ttaaggtttt cgagtacctt gtaggaatta aagaacaata 180
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<210> 799
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 799
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tgtgaattat tttttattac agctggcgct gctgctgcat cagggccatc ctttctgcaa 420
gacacaatga ccacagcaaa gagcgggaaa gataactttc cacgn 465

<210> 800
<211> 412
<212> DNA
<213> Homo sapiens

<400> 800
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gaaacaacac taaagaaccc taaaaacacc cacacaccct gactaccacc acctctgggc 360
catctgtggg cgtttgctgt ttgaacagat ccagtctcca ggaaagagga ag 412

<210> 801
<211> 413
<212> DNA
<213> Homo sapiens

<400> 801
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<210> 802

<211> 393
<212> DNA
<213> Homo sapiens

<400> 802
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taaaagcaga aagctagaat gaagcgagtc tagtaggaga ctcagcacaa ttggaaaaaa 180
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aatttgaggc tcatcacctg taatggggag gaa 393

<210> 803
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 803
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<210> 804
<211> 632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 804
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aaatccaaaa tagatatntt aataagaata tt 632

<210> 805
<211> 472
<212> DNA
<213> Homo sapiens

<400> 805
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<210> 806
<211> 425
<212> DNA
<213> Homo sapiens

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aatatcttta gtgttgcagg actcacatgg taaacataaa actcctacac ttattcagta 180
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gttatatccg tgctgccata tcactaaaat aggcttgcca aggcagggtg aggtgtatga 420
atgcg 425

<210> 807
<211> 432
<212> DNA
<213> Homo sapiens

<400> 807
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gtatccctaa cg 432

<210> 808
<211> 468

<212> DNA
<213> Homo sapiens

<400> 808
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<210> 809
<211> 4087
<212> DNA
<213> Homo sapiens

<400> 809
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<212> DNA
<213> Homo sapiens

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<212> DNA
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<213> Homo sapiens

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<211> 374
<212> DNA
<213> Homo sapiens

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<210> 850
<211> 482
<212> DNA
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<223> n=a,t,g or c

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<210> 852
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<212> DNA
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<213> Homo sapiens

<400> 853
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tgcaggacaa tgatggctat tctaaacgct aaggaaaaaa aacaaacaca gaactgtttc 120
aagtactcaa gactgactta cagaccaacc aaccaccttg ctggaaccct tgctagcagg 180
cattcttata aaagaaactt tcgagcctcc ttatattgct ggaactcagc tgtgctccag 240
actagagcct ccttacctat ctatatgttt aattaatttt tctctatatc atgtactctg 300
ctttttttgg tacagt 316

<210> 854
<211> 313
<212> DNA
<213> Homo sapiens

<400> 854
ctggtgccgg cgtttgggct acggttgttg ttggcgactg tgcttcaagc gttgtctgct 60
tttggggcag agttttcatc ggaggcatgc agagagttag gcttttctag caacttgctt 120
tgcagctctt gtgatcttct cggacagttc aacctgcttc agctggatcc tgattgcaga 180
ggatgctgtc aggaggaggc acaatttgaa accaaaagct gtatgcagga gctattcttg 240
agtttgtgga taaattggga aggttcctca gtccagcttt gttagggtga taaccaactg 300
ttcagaggct caa 313

<210> 855
<211> 357
<212> DNA
<213> Homo sapiens

<400> 855
gataatttta aagtgtctat aattgcagtg gtttatttgc aaaattccta aaaggaaaaa 60
ttttatcact gccatcacag caggtttcct catccagatg aggaaactag acaaatgcta 120
gtgtgtttta actagctaaa caaaactaag ttaaatgaac atttaagagt ttccctagcg 180
ggccattcct tagcaaaatg ttggaatccc tgttgctaca ttgactaaca ggtcatgatg 240
aatggatatg tagacttggc tcatagaacc taatcagatg gttagaggtg ttggcagttt 300
aggacctcct gtcataaatg tgtgacaacc ttttgtacct acctattgac ctgcatg 357

<210> 856
<211> 264
<212> DNA
<213> Homo sapiens

<400> 856
gcggtaacgg ggcagagagg ctgttcgcag agctgcggaa gatgaatgcc agaggacttg 60
gatctgagct aaaggacagt attccagtta ctgaactttc agcaagtgga ccttttgaaa 120
gtcatgatct tcttcggaaa ggtttttctt gtgtgaaaaa tgaacttttg cctagtcatc 180
cccttgaatt atcagaaaaa aatttccagc tcaaccaaga taaatgattt ttcacactga 240
gaacattcag ggtctatttg ctcg 264

<210> 857
<211> 264
<212> DNA
<213> Homo sapiens

<400> 857
agattattgt ggatgatgat gacagtaaga tatggtcgct ctatgacgcg ggcccccgaa 60
gtatcaggtg tcctctcata ttcctgcccc ctgtcagtgg actgcagatg tctttttccg 120
gcagattttg gctctgactg gatggggtta ccgggttatc gctttgcagt atccagttta 180
ttgggaccat ctcgagttct gtgatggatt cagaaaactt ttagaccatt tacaattgga 240
taaagttcac tttttggcct tctt 264

<210> 858
<211> 444
<212> DNA
<213> Homo sapiens

<400> 858
ttttctagta agactagatt tattcaatac cctagtaaaa gttttgatta taagtatcca 60
acagtataaa aagtacaaaa cagatctgta gatttctaat atattaatac aaagtgcatg 120
actacataca gtacatccta caggcaaaga gaggtggaag gggaaaaaga agactgtggt 180
tgaggtctag taataaataa ataaatacag aagtagagat gatccatatt atagtatatt 240
ctaccaccaa tactgcagcc aaaatgtaca aaaaaaatca tttcaaataa ctcaggagga 300
tgataatggc tggacttttg taattcacct caaagactgt gggagagcca actcaactca 360
ctgtatagtc tgtgcatatg gtggcttgta gcatgtaggt tttttccaaa agaaggaaat 420
ataaaatgtt tagattaaga acta 444

<210> 859
<211> 345
<212> DNA
<213> Homo sapiens

<400> 859
gtgaaagtac gtagttgtct ttcgtaagtt aaaatgataa ttgggccgaa acttactgcc 60
ttacctaaaa ggcagcgcag tcaggatatt ggtaggtcgg gggcggcttt ggaaaccctt 120
aagtttacaa gcatgcgcgg acttgagtgc tcattaggtc gccgggcgtc cacgtgcagc 180
cctggaccct gaaccccggc gtgcgtgggc cgtgggctcc ggggaaaggt tccgtgcact 240
cggggactcc ggtgaagcct gttcagccgt ctgtgtatgt gccatcttga gtctactctg 300
tcgctcttgt gccctagacc ccgagaaccg tagtttagca aatga 345

<210> 860
<211> 261
<212> DNA
<213> Homo sapiens

<400> 860
gagggaaaga caaaacgtat ttattccagg ccaggtctta aaatgcacac tgcacggttc 60
cctgttgtta tcagcaccag taaggaaaga acgtgcctta acggcagccc cacccagagc 120
ctgctgcgtg gctgctgtga ggctccccat gaatccacgc agtcttcttc ctcactggtg 180
cagttggtga ggttttctac cctcacagca aagggatcct taactataaa ttcacggtat 240
gcagagaaga ggacagaatc t 261

<210> 861
<211> 445
<212> DNA
<213> Homo sapiens

<400> 861
ttttttttt gtttacttat ttatttattt tcaccaccaa cattattagc catgcctttc 60
tgctaatcga ttttagcaag tcgaggtaaa acacatgcaa cattttctgg caaaagctta 120
atgtcaaaca atatgtgatc catactgtgt gtcgtccttg ggggtttatt tgactttgtc 180
acaatgacag ccaacagtga gactgataag cctgtaaaaa taaaaaaata agactaatca 240
aatagacatg gcattttaat ctcaaagtgc aaaatcatct aactgaaaat gacggcattg 300
aaaaattcca gtggttaaaa atgaatcaaa acttcattac gcaggcagtg gaagtgtgtt 360
gaaagattta ccaggggtgt caagttttag acactcagaa aggcaccatt ctagccatct 420
tgattggata acatggtata tactt 445

<210> 862
<211> 446
<212> DNA
<213> Homo sapiens

<400> 862
ggccctagag agtttattac aaaataagaa agagaagtct ggggaaggtt cactcatcat 60
agaattttgg cagttcattg cccaagatga ctcgatggtc cacaccggca gctgtaatag 120
tgaccaggta gatgacaccc ccgcttgagc catcccggct catggccaga gcaatagcgt 180

catgtggtga agcgcctgca ctcctcggga gacatgcctg gcttatatgc tgcatccaca 240
taaccataga taaaggtgct gccggagcca ccaatggcaa aaggctgtcg agtcagcatt 300
cctcccaggg ttccatatac ctgacctcct tcacgttggt cccagccagc taccatgaga 360
tgtgcagaca agtcctctcg attatttata gctgatattt ctcaccacat ttgcagcagc 420
caaaacaagt ggaggttcct ccagtt 446

<210> 863
<211> 318
<212> DNA
<213> Homo sapiens

<400> 863
tttgacaaaa gcgtgcattt aatttgatgc tttgcagaga tacatgacca aagttgtatg 60
catggcttgt cttttgggat ggtcccagct gtttatttta aaagaaaaaa attaaaatag 120
agccaacaaa tgcaattaag aaaaaaaaag tattgagaca caaggggacc tacatgttct 180
ggtctaagaa gcatgcaagt attacaaagc attccagata cagtatgaca gaggaacagt 240
gaacaagcat tggaacgatg ctctttcttt cagaaacggg aagtctaaca gttatgtttt 300
cacaatggta gtgattaa 318

<210> 864
<211> 232
<212> DNA
<213> Homo sapiens

<400> 864
tttttttttt tttttttttt tttttttttct caatagataa ctttatttga aatgaaatgc 60
attttgaaaa tatgaaaaat aaatcacatc tccccaaaat catctaagag acatatttac 120
acaagttctg accatgctaa aaaattcatg aattgtgatg gtgtataaag catttggtac 180
atgatgatac ttgctttcca gaagctggca tttgcatatt ataaaacgtt aa 232

<210> 865
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 865
tgtttttttt ngtatttctc atgtatactt catttatttt attaatnanc naanccctgt 60
aagggantnc tttgcctagt cntccgactn tgnttnatct tcatcttgac taatcnggaa 120
gtaacnaagt cgtaggtctc cttgtcagat gcaancantc gaagccaatc acgaagattg 180
ttcttcttaa ggtatttctt ggtaaggtat ttcaaatacc ttttagagaa ctgtttctca 240
gaaacaactg tgattttatt cttgaagcgt tcaatgtgaa caacattccc gagatttcca 300
gttttgccat tgactttaac cttctcccgt agaaattgct caaaatttcc agaatcaaaa 360
attccatctt ctactggatg agtaaggtcc aaattaaacc tccaggttga cctcttgggc 420
tt 422

<210> 866
<211> 607
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 866
ctaagtcaga gccgcgatgt tccggattga gggcctcgcg ccgaagctgg acccggagac 60
gatgaaacgg aagatgcgcg aggatgtgat ctcctccata cggaactttc tcatctacgt 120
ggccctcctg cgagtcactc catttatctt aaagaaattg gacagcatat gaagacagga 180
catcacatat gaatgcacga tatgaagagc ctggttacag tttcgactcc tctctgcaag 240
tgaataggcc cagaaaggtg taagagactc tttgaatgga cataaaattc tgcttgttaa 300
gaacaagttt ggctctggta actgaccttc aaagctaaaa tataaaacta tttgggaagt 360
atgaaacgat gtctcgtgat ctggtgtacc cttatccctg tgacgtttgg cctctgacaa 420
tactggtata attgtaaata atgtcaaact ccgttttcta gcaagtatta agggagctgt 480
gtctgaaatg gcactgtctt gtcagtcatt tctgtttacc ttntcttctg ccagagtgta 540
tttgtgaaga gtctcttata tgatgttttg tggaaatcag cacacancac atgacattaa 600
gcacagg 607

<210> 867
<211> 237
<212> DNA
<213> Homo sapiens

<400> 867
ttttttttttt ctagtcccag cacttttatt tgtagagttc tcaaatcaaa agtaacaaat 60
aattatacat caggattgtt aggaatacca attattttac aactgccact acgtgtttct 120
tcttctctga cacaagtggc acagatccag gcttgctgtg tttaatacga ttcacttcct 180
ttcgtcgacg agcttctttc atgatgcgct gttcctgaat ctggctatag atagatt 237

<210> 868
<211> 462
<212> DNA
<213> Homo sapiens

<400> 868
ttttttttttt ttttggtttt ctagatccat gtttattttc agttcaaaga caaagtagaa 60
aacttgagag tggaaaatgt tacctttag ttcacactcc taatccctta gtccccataa 120
aataaacatt ctaaagtgta agcagtagaa ataatggaaa ctccacagaa acagaaataa 180
attagtttct ttcagtcttg gtggaggtcc ttttgccgaa caccatactc cactgtgaac 240
agaattcatc ttgaacgaag aagaaatctt tggcctattt caccacgtct ccagcattgc 300
ataacagaca tttttcaaat tcagtttctt ctccaactgc agcaaaaagg caaagagtag 360
tctgtttcag gagtctgcat cgggtcctgt gagagccttg gtccacttag aacaagcctt 420
taacttggtt ctggtttcgg tatccagatc tatggtcata aa 462

<210> 869
<211> 624

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 869
ggacacccaa agaatgatgc agtattaaag gggtggtaga agctgctgtt tatgataaaa 60
gtcatcggtc agaaaatcag cttggattgg tgccaagtgt ttttttattg ggtaacaccc 120
tgggagtttt agtagcttga ggcaaggtgg aggggcaaga agtccttggg gaagctgctg 180
gtctgggtgc tgctggcctc caagctggca gtgggaaggg ctagtgagac cacacagggg 240
tagccccagc agcagcaccc tgcaagccag cctggccagc tgctcagacc agcttgcaga 300
gccgcagccg ctgtgggcag ggggtgtggc aggagctccc agcactggag acccacggac 360
tcaacccagt tacctcacat ggggcctttt ctgagcaagg tctcgaaagc gcaggccgcc 420
ctggctgagc agcaccgccc tttcccagct gcactcgccc tgtggacagc cccgacacac 480
cactttcctg aggctgtcgc tcactcagat tgtccgtttg ctatgccgaa tgcagccaaa 540
attccttttt acaatttgtg atgccttacc gatttgatct taatcctgta ttaagtttct 600
aacactgaga naaaaaaaaa aagg 624

<210> 870
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 870
ttttacgtgt aaatggacat tttcattcaa gtatattaat gtagatattt taaagtgggt 60
tataagttta acattgtctt taaaatagaa gtcacagcta tcttccagcc tgtcttctct 120
aggaacgctg ttgacatgcc agggctccgt ctacactgga agcagctata cagctgtgac 180
cacatcgagc tttancagtc acacttctgg aactgtccgt tcagtccatc ccatttctgg 240
ctaagctcct cacgtaggtg cgtaggttct ggttaataaa gttcactgtt gtgtgaaaga 300
catcacggag caaggacggc gtgtgactgg ccaccttctt ggccagcagc agggccagca 360
ccagcatggt cttctccttc tccatggtct ctagggtagg nctgcagcag ctgctccagg 420
gcagt 425

<210> 871
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 871

tttttcctt ccatcattta tttaggaaaa agttttatgt attagggtaa agtggtagaa 60
gttaacctag aatctaataa tctccaatca cccattcctg atctaatagt agccatgaga 120
aaaaatctct agaaagaatc atacctctca aaaaataaaa aataaaacaa aggctgggtg 180
cagtggctca cacctgtaat ctcagcactt ccggaagttg aggtgggcag atcgcttgag 240
cccaggcata tcgcttgcag cctgggcaac gtggcgaacg tcctctacca aaaaatacaa 300
aaagtagccg ggcatagtga catacacctg agcccaggag gttaagccta cattgagccg 360
tgattgtacc agtgtactct agccagggtg acagagtaag accctatctc aaanaaagaa 420
gtgccataaa aaagaaaagg ctctagcctt ta 452

<210> 872
<211> 491
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 872
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ctgcctgggt atctgggcct ggccatggct gtgttcttca tgtgttgatt ttatttgacc 120
cctggagtgg tgggtctcat ctttcccatc tcgcctgaga gcggctgagg gctgcctcac 180
tgcaaatcct ccccacagcg tcagtgaaag tcgtccttgt ctcagaatga ccaggggcca 240
gccagtgtct gaccaaggtc aaggggcagg tgcagaggtg gcagggatgg ctccgaagcc 300
agaaatgcct taaactgcaa cgtcccgtcc cttcnccacn cccatcccat ccccaccccc 360
agccccagcc cagtcctcct aggagcagga cccgatgaag cgggcggcgg tggggctggg 420
tgccgtgtta ctaactctag tatgtttctg tgtcaatcgc tgtgaaataa gtctgaaaac 480
tttaaaaaaa a 491

<210> 873
<211> 428
<212> DNA
<213> Homo sapiens

<400> 873
cagacatgga aatataattt taaaaaattt ctctccaacc tccttcaaat tcagtcacca 60
ctgttatatt accttctcca ggaaccctcc agtggggaag gctgcgatat tagatttcct 120
tgtatgcaaa gtttttgttg aaagctgtgc tcagaggagg tgagaggaga ggaaggagaa 180
aactgcatca taactttaca gaattgaatc tagagtcttc cccgaaaagc ccagaaactt 240
ctctgcagta tctggcttgt ccatctggtc taaggtggct gcttcttccc cagccatgag 300
tcagtttgtg cccatgaata atacacgacc tgttatttcc atgactgctt tactgtattt 360
ttaaggtcaa tatactgtac atttgataat aaaataatat tctcccaaaa aaaaaaaaaa 420
aaaaaaag 428

<210> 874
<211> 391
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<223> n=a,t,g or c

<400> 874
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ctccttgcta gattttccag aagaggccca gtcataaaaa ataaagagaa accaggagag 120
tgcctaaatg actgcagtgt ttcaagcgta catnttccac actcccttgt actgaaggca 180
gccccaggtg aaggtggtcc cactagcagg aagattagga ggcagcagct atgcagaagc 240
catgtctcct ggccctgcga ngctcaacgg tagaccttgc tgaactcctg gagggcccac 300
cgcttgttct ctgttgcctg cttgagtacg gtgtactctt tcaccagcct gtcaaactcc 360
tccccaagga cctcatagga gttcaggacc t 391

<210> 875
<211> 418
<212> DNA
<213> Homo sapiens

<400> 875
tttttacaat tccataccac caccacatct gttctgtgct tttattttac gaaaaagcta 60
atggcaaatc tacattaaac taagttgaat acaaagtctt agtgaagaag gcctggtggt 120
ctcgtttaca aaaatggcca gtgtcatatt tgggcttaaa atttcaagaa gggcacttca 180
aatggctttg catttgcatg tttcagtgct agagcgtagg aatagaccct ggcgtccact 240
gtgagatgtt cttcagctac cagagcatca agtctctgca gcaggtcatt cttgggtaaa 300
gaaatgactt ccacaaactc tccatcccct ggctttggct tcggccttgc gttttcggca 360
tcatctccgt taatggtgac tgtcacgatg tgtatagtac agtttgacaa gcctgggt 418

<210> 876
<211> 432
<212> DNA
<213> Homo sapiens

<400> 876
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tgtttcagca ttgagtttaa gtctcctgga gcacagaccg acagtatcca ttctcttccc 120
ttcccttacc aagcgaaccc ctgaattcta gctgaatatc ttggctatac agtctcccct 180
caagctgaac tgtagctgtg ggaatcagtt ctggtccaca ggaattaacg gaagaagtgt 240
atacaatttt tgagctatgc tctttagaag agtgtggagg ggtgtctttc ttcccttcct 300
cctgtgatgt gatggctgga tggagctgga atggccattt tgcaccatga ggaatctgat 360
gtcctgcgtt ggggagacct caggcttcag ttgcacactc aggggcaccc gttgctctgc 420
cagccagatg ga 432

<210> 877
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 877
ccagatcttg nagaaaattt tgatgaggca tcaaagaatg aagctaacta aaagtttggt 60
ttttggaagc tggcatggac tagatttaac aaatcagcta tgtggttcca aagttttaca 120
gacatggaga acatcacctg ttactagttc agtaatataa atattttgta tattaataat 180
gctgtttgtt cagcattttt cggtcatttg attttgcatt ttgcacnttc ctcccaggat 240
atttttttgg tcaaaatatg aagtattggt gcagtttgag ggtgttttgg tttttgattc 300
cctggttttt ttgttttttg tttggggtat ttttggtgta tgtatgt 347

<210> 878
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 878
tgaacaataa tatctttaat ataactgttt ttgtgtgcat agaaatcata taagtaaata 60
aaaaaaaaca acaacatgag attacatagg tggttataat acaaaagtga gaaaaaagct 120
agtgtctgag tattgcatcc tggatataat tccctgatat atggtaaagc ataaaagaga 180
cctatttctt caggagagta gctgacccac ctcagggcca tgactgctct tctctttccc 240
cacagcctta gtacttttg ccaaaaggcc cagatttgag taaaggggaa cgccgtgagc 300
gtaaggatcc gggcataagg gctgcagtct gttgagcttt ggcaggttgg tgttcgggga 360
agtaaatttc ngaaggaatg ggttcctncc ctgntgggtt gttggtttgg ttgctgattt 420
tccnggttgg gtaccaaggc gcta 444

<210> 879
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 879
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ctgtacagga tgtgncngcc agttcagtcc acagctcaga gtatcacctt gtcctcattc 120
canggtnata agctcctgcg aggggacagg tctgcgggtc gtggattcac tggactggat 180
gggacatgat ccagaactcc gctccgtttg gcttcccaag gatcccacca actcattcta 240
atcagtgatc actgaggaaa tgcattgtat tcctattcac tatttcaaag atcaggccta 300
cctcattggc atattaagaa agttttctca agtatattta gtgtttatca ttttactata 360
gttcttcaaa tgtctggaca ttcatctttt ccntacctct aaattccntt ccttttnaca 420
ttaatctttt cntgattgnc ttttnaatag aaaa 454

<210> 880
<211> 463

<212> DNA
<213> Homo sapiens

<400> 880
ttttttcaagt ttagaatacc tggtttattg ggaaaacttc ataatgaaaa ctacaattag 60
ctttttccac aacttacaaa ataataatct gatatttaaa atgaattggt tttcattatg 120
taagtcgaaa tggtaaaaaa tcataatgac ctatccgatg catcatatat atgctattca 180
gagaaactca aatccccgaa ttctcctgtg gcatgtttta tatcagacat ttaaaatctg 240
tttaccaaga aagaccagga ttttaactat atgtaggttt ctgcttacag ttgcaaacta 300
tcagaagcct gtctatatga tagagcccag ataaacctga gatttagaaa agcaagtcat 360
ttattctcct gaggctgttt tagtggcact tttgtgacaa gaatgaccct cctaatgctt 420
tactacacaa cttaaccaga tctatcagtc atgataaatt aga 463

<210> 881
<211> 549
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 881
ggccttcctc gtgtgagggg atctgccgga cccctgcaaa ttcaatttct ttcccattcc 60
gggcccttcc ctatcgtcgc ccccttcacc ttggatcatg ttcaagaaat ttgatgaaaa 120
agaaaatgtg tccaactgca tccagttgaa aacttcagtt attaagggta ttaagaatca 180
attgatagag caatttccag gtattgaacc atggcttaat caaatcatgc ctaagaaaga 240
tcctgtcaaa atagtccgat gccatgaaca tatagaaatc cttacagtaa atggagaatt 300
actcttttt aagacaaaga gaagggcctt tttatccaac cctaagatta cttcacaaat 360
atccttttat cctgccacac cagcaggttg ataaaggagc catcaaattt gtactcagtg 420
gagcaaatat catgtgtcca ggcttaactt ctcctggagc taagctttac cctgctgcag 480
tagataccat tgttgctatc atggcagaag gaaacagcat gctcnatgtg ttggagtcat 540
gaagatgtg 549

<210> 882
<211> 596
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 882
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atcaggctgc tgagcttcgt gcttatctga aatctaaagg agctgagatt tcagaagaga 120
actcggaagg tggacttcat gttgatttag ctcaaattat tgaagcctgt gatgtgtgtc 180
tgaaggagga tgataaagat gttgaaagtg tgatgaacag tgtggtatcc ctactcttga 240
tcctggaacc agacaagcaa gaagctttga ttgaaagcct atgtgaaaag ctggtcaaat 300
ttccgcgaag gtgaacgccc gtctctgaga ctgcagttgt taagcaacct tttccacggg 360

atggataaga atactcctgg taagatacac agtgtattgc agccttatta aagtggcagc 420
atcttgtggg gccatccagt acatcccaac tgagctggat caagttagaa aatggatttc 480
tgactggaat ctcaccactg aaaaaaagca caccccttta agactacttt atgangcact 540
tgtggattgt aagaagagtg atgctgcttc caaagtcatg gtggaattgc tccgaa 596

<210> 883
<211> 282
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 883
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tggtatttct catgtatact tcatttattt tattaataag caaagccctg taaggggagc 120
ctttgcctag tcctccgact cngattcatc ttcatcttga ctaatctgga agtaacgaag 180
ttcgtaggtc tccttgtcag atgcaaccac tcgaagccaa tcacgaagat tgttcttctt 240
aaggtatttc ttggtaaggt atttcaaata ccttttagag aa 282

<210> 884
<211> 282
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 884
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tggtatttct catgtatact tcatttattt tattaataag caaagccctg taaggggagc 120
ctttgcctag tcctccgact cngattcatc ttcatcttga ctaatctgga agtaacgaag 180
ttcgtaggtc tccttgtcag atgcaaccac tcgaagccaa tcacgaagat tgttcttctt 240
aaggtatttc ttggtaaggt atttcaaata ccttttagag aa 282

<210> 885
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 885
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aaaaataaca aaacgctcct atcaaaatga cattgtgatg tgagtacagg ctttttgttt 120
tggtacagct ctaaaaaatg ttggcaccga atgcacttaa gaaaagtgtt aaggcttaat 180
acaaatacag agacgagtca tttctcaatg cagcttagag ggtgagaaca ggatgctagg 240
tttttaaatc ttccaaatac aggcagtccc caacgtacag acatacagga cacctcccaa 300
atgtaaacga cagccacaca gcagggcttg catgcgcagg aactcttctt ctcccagtga 360
gcagactaag cactctgaat cccaccccac tgcctcgcag agggaaaaga aggcaggaca 420
gatgctagaa gagtaatgtc aggggctcca tcacagctgc ccaggggctt ctgctgtagt 480
tcatattttc ctcattccca tctctgggtt cn 512

<210> 886
<211> 391
<212> DNA
<213> Homo sapiens

<400> 886
gattgtataa ataatttatt tctgttcaca gcatcatata tgcattataa aaggctatgg 60
aaacaaaaga gaaggatgat gagacagaga attacagcag tagaaaggaa aacagaaacc 120
agggcacaca gttccaacac cagaacagag aatttgggaa gataattgct ctgaaacaga 180
actggcctcc ctgtgtctat tagaaaacat ttccaaagct cacggaggga ggccaacttc 240
ccctatggaa acccattcac tcgccaaagg gcagaaggca tcataaatca cccattgata 300
cattggtggg gggctccctg tccccctggg tgaccactcc aaggtgattt gatctgtgct 360
tcctctgttg ggtcagagac gaaacgggct a 391

<210> 887
<211> 260
<212> DNA
<213> Homo sapiens

<400> 887
cttaccttgg gtgaactaac caaataatga ccatcgatgg ctcaaagagt ggcttgaata 60
tatcccatgg gttatctgta tggactgact aggttattga aaggactagc cacatactag 120
catcttagtg cctttatctg tctttatgtc ttggggttgg ggtaggtaga taccaaatga 180
aacactttca ggaccttcct acctcttgca gttgttcttt aatctccttt actagaggag 240
ataaatattt gcatataatg 260

<210> 888
<211> 380
<212> DNA
<213> Homo sapiens

<400> 888
gaacacttga gtgtcagacc acagactgcg ttggaagaaa acgagactca gaaagaagtt 60
ccacaggacc agcatttgga ggcacctgca gaccagtcga aaggtctctt gcctccctga 120
aggacctgta tactgtgtat gctggcattc acactctact cactggctga atgttgagct 180
atttttaaac agttgaactg tgtaaatgtt tcttgatctc taaggtatta tgtttgcctt 240
ctcttagtta tttctggggt tgtcacaaag ctcagtatca tggtttgaca gaagcagtta 300
tgtgaacttt tatgttagga cattactaaa taaagaattc cctagctgct tataaagtaa 360
atttactttg aattgtaaat 380

<210> 889

<211> 423
<212> DNA
<213> Homo sapiens

<400> 889
ttttcatttt ccagttaagt cctatgtctt ttgtgaaatt ccaatactta aactgcaagt 60
ctgcaatcgt ctctgaagtc agtgaaatta agaaaaaagt cctaattctc ttgaaggtca 120
ttttttcctc ttaggatatg cagatgcaac cgttgctgca gtctgtgtag aactgccttt 180
tatttcccac gaccttgacg ttccttttta acactttctt cttcctcttg gcgtttctca 240
tagtgtgaga agtcatcaaa aatggaagtg gtgtgcttgt agctggctat aattttcaac 300
acctgcttag ccttttccag aggcacttcc tgagtgtccc tagagttggt cactggttta 360
ttctcgttgt tctctaggcg aatgtgtcgc agttggctat tgggaacgtc cttcacaaaa 420
atc 423

<210> 890
<211> 247
<212> DNA
<213> Homo sapiens

<400> 890
ttttttttt tttttaagaa gcaacatgtg tattattaaa ttatttgtca gaatttccag 60
aatcagagtc tctactgggc aagtagaaaa atagaaaagt ttactacttt gaaaaggaaa 120
ctatgacaaa caagtatata ttcaggaaag ggactcctag aacttgagca acaaaaaaga 180
gttcaacctc ggcacagtgg agtctgcagt gtctccgcaa caacagaaat gaacttgtgt 240
tcctcac 247

<210> 891
<211> 460
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 891
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tcggggacat ggggatagtg tggaccagct ttgttggcat ccaagtaatc ctgacctatt 120
tgttacggcg tctggagata aaaccattcg catctgggat gtgaggacta caaaatgcat 180
tgccactgtg aacactaaag gggagaacat taatatctgc tggagtcctg atgggcagac 240
cattgctgta ggcaacaagg atgatgtggt gacctttatt gatgccaaga cacaccgttc 300
caaagcagaa gagcagttca agttccgagg tcaacgaaat ctccttggaa ccatgaccat 360
aatatgttcc tcctgaccaa atggcaatgg ttgtatcaca tcctcagcta ccagaactga 420
agcctgtgca gtccatcaac gcccatcctt ccaactgcan 460

<210> 892
<211> 414
<212> DNA
<213> Homo sapiens

<400> 892
ttaccaccaa aatggtttta tttttgtcat tgacaacaag cacaacactg caattgtatc 60
attattttgt ttagtttctt aaatattact taagtatgca ttaaaaatat gtttacattt 120
taaaaatgtg acactttaaa gaagtcctct gtaaacacga tcccttctca atatattttc 180
ctgctttgtt tcatacataa ataacttaat ctacaaagtc ataaataata ccatcaactc 240
ttatggcctg gaagtatata caaattttgg agtctgacaa aagtgttctt tatgatttta 300
taaataacac atagtatttg tagtgttgat tataaatcaa atgacttttt acaaattcct 360
actgtctcct caacctgttc taccagtaac agatcttcca gtttacttgg ttgg 414

<210> 893
<211> 401
<212> DNA
<213> Homo sapiens

<400> 893
gattaagaaa agctaaattt atattaaatt atcataaagt cctaaaatac tgaacatagt 60
ggttaaataa ctccagaaag tccaatctct ccagtgagta acgttaaaac cattacacat 120
gagcatggga gaatcgcttc cattagttta ggacagagag attttgcttt ttacagagta 180
aatcagtgct caaatagata cttcctcaaa tatgtccttt ctacattctg aacagcccaa 240
gtgcaataag atccttcccc ctttccaatc aagaaaatgc cacttttcta cttgctcttc 300
ctccccagac atgagtctaa ggacccaaag tgctcactcc tttactgctt gttaagtgta 360
atgtggggag gctcagaact ggggctgacg ctactgagag c 401

<210> 894
<211> 243
<212> DNA
<213> Homo sapiens

<400> 894
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acaaaaatac agattactct gacatgttgg caaaatagct tatggctgga cttgagtttg 120
gaagttctgt atgtttgagg gcatccgatg tcagagtcca accggatcct aaccccagct 180
cttgtcacta atctgtaaac aataatttca agtagtattt agcacttttt aactattaag 240
aaa 243

<210> 895
<211> 230
<212> DNA
<213> Homo sapiens

<400> 895
ccagagtgca agtcatgatt tgcgggaggg ctcttgaacc acttctggct gcaccacaat 60
tctgtacttg agtatcacag tcattgtttt tgagacaaac atttttataa ttctaatttg 120
ggttaataaa gattttaaat atttcttggt ttacttttgt aattatatac acaacaaatg 180
tattaataac taccttgtta aacacctttt aatagcacaa gggttttata 230

<210> 896
<211> 259
<212> DNA
<213> Homo sapiens

<400> 896
gatcatacac aagccggtga tactttatta tataagagag ttgtcaaaag gacagtttca 60
tttctgtttc agaatcccca cattccagtg atccatctgt tgacacaatt aacataaact 120
atttgctgat atttactgag tgcttgcaat gtatcagagt cattaaataa gatgcaactt 180
ctactgtgaa aactggaatc ttcattagga cacagactta gaaaaggccc agtttcaagg 240
attctgactt gcacagact 259

<210> 897
<211> 308
<212> DNA
<213> Homo sapiens

<400> 897
aatttccaga gattatttct gtactgagaa tcctggaact actatgctag gaaatttaaa 60
gctgcatggt ctgtcttgtt ttcatttaat tattgtgaat acctagaatc tttcttggtc 120
ctgatttctc ttgcttaatc cagtctttat ctctaactgc ccctatttga tcaccatgta 180
ctaggagctc tgatagccag ctcagctcct aatccttgag gcaccattct ttttctattt 240
gaacttcagt tctgtcctcg attcccgact agatatttct ggccctctgg tctaagaatt 300
ctctggct 308

<210> 898
<211> 466
<212> DNA
<213> Homo sapiens

<400> 898
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gagacggagt ttcgtcatgt tggccaggcc catttgagat ctttgaagat atcctcaacg 120
tgaggctctt ctgccatgaa ggtgaagatt aagtgctgga acggcgtggc cacttggctc 180
ttggtggcca acgatgagaa ctgtggcatc tgcaggatgg catttaacgg atgctgccct 240
gactgcaagg tgcccggcga cgactgcccg ctggtgtggg gccagtgctc ccactgcttc 300
cacatgcatt gcatcctcaa gtggctgcac gcacagcagg tgcagcagca cttccccatg 360
tgccgccagg aatggaagtt caaggagtga ggcccgacct ggctctcgct ggaggggcat 420
cctgagactc cttcctcatg ctggcgccga tggctgctgg ggacag 466

<210> 899
<211> 364
<212> DNA
<213> Homo sapiens

<400> 899
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cccccgggca cagccacgac acacacagag cacaaagggg aaagcatggg gcagtcacgg 120
gtgctcaggg aggtcataca gcatctgccc agtccagacc ctaccgctcc cctgccccag 180
gaggtccttt aagagcagcg tccagatgca gctcggacat tggggaccct gcctctccct 240
ccccagactg gagaacagct ttgggttgtc aacactcccc ctccagccag gccagtcaca 300
gacgacatct cagcagccag gagaaggccc actaggtccg ggccagcgc agtcccagca 360
gctc 364

<210> 900
<211> 376
<212> DNA
<213> Homo sapiens

<400> 900
ttttttttt ttttttttt ttttttaac agatactatt ttattattta caaaatacat 60
ggtgatcata agagaacatt ttacaaatta caaatgggaa aagtacaggg aaaagtagag 120
acaaatgggt taaataacaa ggtaaccatt tgtaatgagt ctgtttagaa taaaatagtt 180
cttcacaaaa gttagacaag gccatgagta agtatatcac tgtataaaaa atatcagtga 240
cgtcaaaata tacctgtacc aaaaagtaga acagcaatgg tagtgcatct aaatgtgtcc 300
taaattaaat tacagcacat acagtttcag tgttccacaa tacaaccatt gctctgaggc 360
agcaatctgt gagact 376

<210> 901
<211> 397
<212> DNA
<213> Homo sapiens

<400> 901
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ttacaagagg catgaaagaa aaaataattc catttttaaa actctgtcca aagtataaca 120
tatgaaacca tgccattatc tcttaggaaa caaaagcatt caaaattaat ttggtattaa 180
agttcaagat tcagactaac ctcaaagtac ggcatgtgca gtgtttaagt gcaagaagta 240
ttttcattcc aattatttta cagagatgct ggagtgacgt gtgcaatttg aaatattcaa 300
atcctttaag gtttctgaac taagtgttta aatgaaaact gaaatgctgc atagtttcag 360
tggctttcaa tttcctgttt gatctcagaa atatatg 397

<210> 902
<211> 366
<212> DNA
<213> Homo sapiens

<400> 902
ttttttcata atgatttatt tagataacaa acattaatgt gaaacataca ggctattggc 60
aaccactatt ctaaaattat gtaagtacaa ataaacatac tgaaatgtgt gcaattctaa 120
gtttttaaac cagaagattt ctacactaac acacatttat attaatgaca cataaaaaaa 180
ataaaaactt tattacaaaa ataagttaca ctcgcctcca gcttacagta taaaacaatt 240
ttatttgcag gaatgcaaaa tgattgtttg ccatgagcat tttgaacata tgacatgtcc 300
gattttcttg ttaaatttgc atttactggg gaactggtgt gtataaaacc ttaattaagt 360
ataagc 366

<210> 903
<211> 373
<212> DNA
<213> Homo sapiens

<400> 903
gtcgactcct gtgaggtatg gtgctgggtg cagatgcagt gtggctctgg atagcacctt 60
atggacagtt gtgtccccaa ggatggatga gaatagctac tgaagtccta aagagcaagc 120
ctaacttaag ccatttgcac aaaggcatta gacaaaaagc tggaagttga aatggtggag 180

tccacttgcc tggaccagct taatggttct tctcctggta acggttttat ccatggatga 240
ctttcttggg taaggcaata aggcagttcc tgtcatacct tttaaaggta tggagagtcg 300
gctttactac actgtgtgga gcaagtttta aagaagcaaa ggcttagaat tcatgattga 360
ggaatgcagg cag 373

<210> 904
<211> 146
<212> DNA
<213> Homo sapiens

<400> 904
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tacaaatttc tgaaaggcat ctcctgtttg aaagctagca tagctttata tcccaggtca 120
ttaattcaga caaatacaca gaacac 146

<210> 905
<211> 504
<212> DNA
<213> Homo sapiens

<400> 905
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acaatgctat tggagtcaat tattgacaac actttgcaac agtaatacca tttctagctt 120
ttcaattggc aatacttaga accttactgt agtgacctga ttttaaatac catattatat 180
ttactaagtt aagagctagt ttttactctc ttccataatt tcattacatg aatgtaagat 240
gatggctcaa aaatgacgac ttatagtttg aatttatgtg tatgcaatat acatatgaga 300
accaaattca acaagtgaca tgaatgttac tacatgaaca ttgaattgta ttgcccttgt 360
cagttatttc ctctgttcaa taaatactga aggtcacaaa cacctttttta cttttcaaga 420
gtttgccttc tcttctcgat tttagtaatt aatttggata tttttcctcc catgcctctt 480
catctgattt agtggggatg tttc 504

<210> 906
<211> 499
<212> DNA
<213> Homo sapiens

<400> 906
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gcccgacggc cacctcttcc aagtggagta cgcgcaggag gccgtcaaga agggctcgac 120
cgcggttggt gttcgaggaa gagacattgt tgttcttggt gtggagaaga agtcagtggc 180
caaactgcag gatgaaagaa cagtgcggaa gatctgtgct ttggatgaca acgtctgcat 240
ggcctttgca ggcctcaccg ccgatgcaag gatagtcatc aacagggccc gggtggagtg 300
ccagagccac cggtgactgt ggaggacccg gtcactgtgg agtacatcac ccgctacatc 360
gccagtctga agcagcgtta tacgcagagc aatgggcgca ggccgtttgg catctctgcc 420
ctcatcgtgg gtttcgactt tgatggcact cctaggctct atcagactga cccctcgggc 480
acataccatg cctggaagg 499

<210> 907
<211> 551
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 907
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gcgctagtaa ggtctctgag atccttgcac tagctacatc ctcagggtag gaggaagatg 120
gcttccagaa gcatgcggct gctcctattg ctgagctgcc tggccaaaac aggagtcctg 180
ggtgatatca tcatgagacc cagctgtgct cctggatggt tttaccacaa gtccaattgc 240
tatggttact tcaggaagct gaggaactgg tctgatgccg agctcgagtg tcagtcttac 300
ggaaacggag cccacctggc atctatcctg agtttaaagg aagccagcac catagcagag 360
tacataagtg gctatcagag aagccagccg atatggattg gcctgcacga cccacagaag 420
aggcagcagt ggcagtggat tgatggggcc atgtatctgt acagatcctg gtctngcaag 480
tccatgggtg ggaacaagca ctgtgctgag atgagctcca ataacaactt tttaacttgg 540
agcagcaacg a 551

<210> 908
<211> 344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 908
ctgtccagag gctttaaaac tggtgcaatt acagcaaaaa gggattctnt agctttaact 60
tgtaaaccac atcttttttg cacttttttt ataagcaaaa acgtgccgtt taaaccactg 120
gttctatcta aatgccgatt tgagttcgcg acactatgta ctgcgttttt cattcttgta 180
tttgactatt taatcctttc tacttgtcgc taaatataat ngttttagtc ttatggcatg 240
atgatagcat atgtgttcag gtttatagct gttgtgttta aaaattgaaa aaagtgggaa 300
aacatctttg taccatttaa agtctgtatt ataataaggc aaaa 344

<210> 909
<211> 454
<212> DNA
<213> Homo sapiens

<400> 909
tttttttttg tagtaaaaga aggattttag gtttctttgg tgaaacaaaa gcagatataa 60
aaagttacaa agatttttaga ttttcattca caaaaaaagt cattcacatt ttacactata 120
cacgttatga tataaataca ggaaagtatt atgtgcattg taaagagaaa ggaaaaatag 180
aaacctacta gatcaacaca gtgttgttct gtgctctaaa atacctaaag gtggattaca 240
tttaatgcaa caaccaaggg aacctgctta aacatactgt gtattattgt agctagagtc 300
attccttcta agccaaagga ggttttataa aaaaagaatc aatattgggc caatcccttt 360
gtgccctttt tctctttttc tatgtgcatt ttattttttg tctactcttc ttcaagttgc 420
tctaaactga aattagggaa ggagtcttac tttc 454

<210> 910
<211> 476
<212> DNA
<213> Homo sapiens

<400> 910
ttttttttttt tttttcaaat tttcagtagt tttattgaaa aatgcctctt ttgtttcaga 60
aataaataat ataaggcagt gaaattcaca atctgcagtt aaaatataaa agcagcaatt 120
ctatgttcat agtcttgcaa atgttttcca actacttttg ataactaaga aatattatat 180
tctgaaaaaa gttcatacta aatatacaac acaaacatgc aattccctct ctgcagaata 240
atctgcaatt tggtataaat gttagtgtgt ctaaaacaag gaggtttaag gcaatatgga 300
actgtatccc gttgatgcac taacttcatc tacatggctt aaggtttgtg gttgttaaag 360
agatgtatac gagcattcta tgccccggcg tataacagag atagaagagg aagataagta 420
attgcaatgg agttgacgtt tccctccttt ttggttttag gaggggaatt atttga 476

<210> 911
<211> 498
<212> DNA
<213> Homo sapiens

<400> 911
ttttttttttt tttgaacagg ggaagtttaa tataaagatg aactctactc ggagcataga 60
gtttaaaaag agttctacac aacaccctag ggatgaggaa gaatgcctca gggaagaaag 120
cacagaaaag gaggtgccct cccgaggctg ggactgagac ctcctcgctg gagaaggtgt 180
gggaggcccc tgagggtgaa gttccccggg ttgctcgagc cagagtctgc acagtcacag 240
ggcaagcaga aaattctttc gagagggtgg gcgctcacag ggaatcggga agcagagccc 300
acctgcctac acctgaaagg ccacagccag tgctgggacc tctctgaggt ctgcagactc 360
caggcagaca ctcctggcag ctgtgcagca ggagcaggaa ggaaacgaca tgaaagcccc 420
tttctcccca gtgtcccagt tcaacaccgt gcacgctacc aaggagaaac ggcgcacggg 480
ccccacccac gactgcag 498

<210> 912
<211> 411
<212> DNA
<213> Homo sapiens

<400> 912
tttatgtaat caatcatttt attattttca tcaacaacca acacagcaac acaaattgac 60
agccagtcct caagggaacc ttttttgaag tgaagagcaa ggccctgaat gagctaccta 120
catggaacat agtatttgca atatgcaaat ggagacctaa aggctcatga cgggaacaga 180
aggtggctgt atacagagga acagacacga agtggagtta tgggaagttc aatcaacaat 240
tggcaacaag ctaggtcagt agtttacgaa agtggtcatc tatacagtgc ctgagtttgg 300
gttctgggcc tggatcatgt aagaaaggca gcaaagtctg ggtgccatga atcacacctg 360
caatcccagc actttggaaa tctgtggtga gaggatctct taaagctatg g 411

<210> 913
<211> 269
<212> DNA
<213> Homo sapiens

400> 913
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gtacgtgcca agcatcctcg tgcaaccgga gagcccgggg aggggctctg cggccgtcgc 120
actcatttac ccggggacag gagaggctct tctcgtgtag tggttgtgca gaccttatgc 180
atcacgggca tgagaagacg ttcccctgct gccacctgct cttgtccacg gtgagcttgc 240
tatagaggaa gaaggagccg tcggagtcc 269

<210> 914
<211> 318
<212> DNA
<213> Homo sapiens

<400> 914
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tgggaccgat taaggtgtca acattttaaa attactcaag atattaacca gaaaagatga 120
ttatggcctt taaaactatt ggacaaactg atgctattta acattgttca cagccattta 180
atttgaataa caaattttag attctaagta ggccataact tctttgcaaa acaattgatt 240
tataaaggta cagtttcaga aggtaacagc atgagactag tcttcctata ggcacatttt 300
agtagactgc tcttctca 318

<210> 915
<211> 455
<212> DNA
<213> Homo sapiens

<400> 915
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aaataagtca catctggtca ttggcatttg tatcgtcatt ctgtaaagac aaaagagtac 120
ctatataaga agctccacgt agtgcaaatc gacatctggt aggctgctcg cccccaggca 180
gcagctagag tctgtaattc tctgcgtcat cctcttcttt ttcttcattt ttgctttttc 240
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ttctgtatac atcacagagg ctcttaaagt gtgagatgga gagctggcgg ggccgaagag 360
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ggaataacat tctgagccct cgatggcagt atttc 455

<210> 916
<211> 489
<212> DNA
<213> Homo sapiens

<400> 916
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tgacacatta gaaacataaa ctttagggct ttttcatctc cacagcatag aggtctgatc 120
gcttctgtct aaaaacgggg atttgctggc gtatttcagc cagcttcttc aggtctatgt 180
ctgaatacac gattgcttct tctgtgccag ctttggctag aacctccccc caagggttca 240
ccacggtgct gtgtccccag gcaacatagg aggctttgtc atcccgggca ggagaggctg 300
tggcacatac acctgattat caacagcccg gcttcgctga agtaactccc aatgggctgg 360
tccagtggtc agattaaaag ctcctggata taccaacagc tggcagcctc tctgtgcgta 420
gatttgtgca agctctgcaa accgcatgtc gtagcagatg cccagaccca ctctgcagta 480
agctgtttc 489

<210> 917
<211> 340
<212> DNA
<213> Homo sapiens

<400> 917
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gaaggtatat atcaacaatc tgacaggcag tgaacttgac atgattagct ggcatgattt 120
tttctttttt ttccccccaaa cattgttttt gtggccttga attttaagac aaatattcta 180
cacggcatat tgcacaggat ggatggcaaa aaaaagttta aaaacaaaaa cccttaacgg 240
aactgcctta aaaaggcaga cgtcctagtg cctgtcatgt tatattaaac atacatacac 300
acaatctttt tgcttattat aatacagact taaatgtaca 340

<210> 918
<211> 418
<212> DNA
<213> Homo sapiens

<400> 918
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gacacgtact gtatgagtaa acagcgtggc taacaccaag tccacactgg taagcttttg 120
agaaccattt acactatgtt gacagtagta ctgctgcagg cagacagcgg aagaataaat 180
aatagtgctt caagaagagt agtgattgag aggataggta aagagggcgc ctcatcgtgg 240
aagctagagc aggaacacct ccccagtagt gacatgtgca aagttccaga tctccacgac 300
aaagacagct caacccactg gaacaaacag actcccaatg tggctggcaa ctgcgggggt 360
agaagaactc aggcaaagta ggcacaggaa tgggggagat gagagccaag ggacaaac 418

<210> 919
<211> 487
<212> DNA
<213> Homo sapiens

<400> 919
agagaatgtc tttgtgtgtc cgaagttgag atggcctgcc ctactgccaa agaggtgaca 60
ggaaggctgg gagcagcttt gttaaattgt gttcagttct gttacacagt gcattgccct 120
ttgttggggg tatgcatgta tgaacacaca tgcttgtcgg aacgctttct cggcgtttgt 180
cccttggctc tcatctcccc cattcctgtg cctactttgc ctgagttctt ctacccccgc 240
agttgccagc cacattggga gtctgtttgt tccagtgggt tgagctgtct ttgtcgtgga 300
gatctggaac tttgcacatg tcactactgg ggaggtgttc ctgctctagc ttccacgatg 360
aggcgccctc tttacctatc ctctcaatca ctactcttct tgaagcacta ttatttattc 420
ttccgctgtc tgcctgcagc agtactactg tcaacatagt gtaaatggtt ctcagaagct 480
taccagt 487

<210> 920
<211> 439
<212> DNA
<213> Homo sapiens

<400> 920
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cagaccctca aattctgaca ttcattttcc taagcaactg gatcaatttg ctgacttggg 120
cataatctaa tctaagcata tctgaataca gtattcagag atagatacag tagagattcc 180
ccagactttt tcgctctttg taaaacctgt ttgtttaggt tttgcgaggt aaactcaaca 240
gaggttggga gtggaagagg gtgggaagct tatatgcaaa ttaacagacg agaaatgctc 300
cagaaggttt attattttaa agcacattaa aaacaaaaaa ctatttttaa aatcctgcta 360
gattttataa tggatttgtg aataaaaaat acccagggtt ctcagaatgg aataaatatc 420
ccttttaata gttatatat 439

<210> 921
<211> 383
<212> DNA
<213> Homo sapiens

<400> 921
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tggttgtggg tggcaaccca ttagcagatc acaaaatcac tgtagtgggt aactaaacaa 120
gaggaaacac aagacggcat cctgtgtaac tggggttaag cattactctc tgaaactcat 180
ggcatcagtt tcctcttagg ctcttccaac agagtatact catgttcatt tcagtttaca 240
atccttgcag tcccatcgat ttgtgagatt atacccaggt catccacagt ggaggtctga 300
aaatgttctt agttgtactc taatttcact aactgccaaa aggttttcca gaataatctc 360
agttgcttca ttcctttaaa gat 383

<210> 922
<211> 411
<212> DNA
<213> Homo sapiens

<400> 922
tttttttta ttctctaaaa tttatttaca gttaataagt taaaaagcaa agtacaagca 60
gattataaat ctcaaccata agcacatcaa actgtccagg gaaacacttt gattccatta 120
caaacaattg ttttctaatg cgcttaagac ataacactct atcaaaaaat attttaaaca 180
caccaataaa tattaggcat gtatgtccat taaaaaccat taaagagtcc tgtggcaatc 240
cttaaaacaa tgaaaaactt ttgagttcaa aattgctcag atattttgta ttcaaatatt 300
tttaaaattt acttaagagt tttctaaaaa atagtactat catttgcaca cagcagatca 360
ataggtgtca gtcaccagct taagttacac ttgtcaatat tcaaacttga a 411

<210> 923
<211> 362
<212> DNA
<213> Homo sapiens

<400> 923
tttttttta caagatgttg catcacttta ttttaattgc atgatttatc agaacaacta 60
ttaacatacg aagtaccatt cagttcagct gcaggtatag gcagtgacaa gtatctaatt 120
cttagaagaa tcacttactc ccacaatctg tccagacaca ttagtctaag gacaagttta 180
taaatagcaa acgtgatttt cacattgcag tgttctcaag aatgtatata caagtgtgta 240
gtcctgttga tgggatgttt ccccgagttc tttctattga tgcgttcatg ctcttgaccc 300
tggtagagac agttctttct ttccacagag cagattttct tttgtcatcc accatttaca 360
at 362

<210> 924
<211> 336
<212> DNA
<213> Homo sapiens

<400> 924
gaagtagttt tttcatgttt aatttgtatt tgtaaaaaaa caaaaagcaa aaaaattccc 60
aaaacccaga taacaaccag agcaaaactg ttgtgccttc tatttatctt tgatttcagt 120
cttggcaatt gtttaaaaaa aaaatctaga tttgttttat taggttcaga gtatgtgggg 180
aattatagaa tccctctttc atcactttgt gtatgtcttt tgttaacata tttgttatgc 240
cttattctaa aattgagtct caaactggaa tgcctttgaa gacagatgct tctatagagg 300
ttctttgacc taaatagttc agcatttgta ttttta 336

<210> 925
<211> 427
<212> DNA
<213> Homo sapiens

<400> 925
ttttttttttt ttttttttttt ttttttttttt ttttatgact ggcttccacg gctggtgaga 60
ggggcaaagc acggcataaa gaaatggaga cgtgggaagg ggaccatgtt gactgccaac 120
ttgcggaggt cagcattgag ctggccaggg aaacggaggc aggtggtgac acacttcatg 180
gtggctgaga caaggtggtt cagatccccg taggttggtg tggtcagctg gaaccgctgc 240
aggcagtcac agctctctgc ctccttccgt accacatcca ggacagaatc aaccagctcg 300
gcgccctctg tgtagtggcc tttgccaagt tgttacctgc cccagactga ccaaatacaa 360
agttgtctgg tctaaagatc tggccaaaag gacctgagcg aacagagtcc atggtcccag 420
gttctag 427

<210> 926
<211> 187
<212> DNA
<213> Homo sapiens

<400> 926
ctgagtggta ctttctcttc ctggtaatcc ctggcccagc cttatgcaga atagaggtat 60
ttttaggcta tttttgtaat atggcttctg gtcaaaatcc ctgtgtagct gaattcccaa 120
gccctgcatt gtacagcccc ccactccccc caccacctaa taaaggaata gttaacactc 180
aaaaaaa 187

<210> 927
<211> 366
<212> DNA
<213> Homo sapiens

<400> 927
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gcatgaatgt aagagtagga aggggtgggt gtcagggatc acttgggatc tttgacactt 120
gaaaaattac acctggcagc tgcgtttaag ccttccccca tcgtgtactg cagagttgag 180
ctggcagggg aggggctgag agggtggggg ctggaacccc tccccgggag gagtgccatc 240
tgggtcttcc atctagaact gtttacatga agataagata ctcactgttc atgaatacac 300
ttgatgttca agtattaaga cctatgcaat atttttttact tttctaataa acatgtttgt 360

taaaac 366

<210> 928
<211> 434
<212> DNA
<213> Homo sapiens

<400> 928
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aaatatctat gtcacagcaa acaggtggca attcaacatc cagggtcgac agaatgcttg 120
aaggagactg caacagattg gattcccatg gtggagaggg catcttcaca ggtgaagggg 180
ggcccagctg aaacagcttt tcaagctctc tctcctcgtc aaggatcatg agaggcactc 240
cactcaaggg gaggtgcgca atctggtgct cttcaggcag gtcaaaactc tcaaagtcta 300
gaggattgaa gggaaagaat ttttctattt ctggataggc atcatctgag gcaggaacag 360
agctttttgc tttaacagtc ttctcagtca tctttttggc agaaaagctt ggctgttttt 420
gtttgagggg tccc 434

<210> 929
<211> 323
<212> DNA
<213> Homo sapiens

<400> 929
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caaatgggaa accgaccaga ccagcccatg accaaaatat cacaggcaga ccacccgcaa 120
atgcagaggc ctcagagtcc acagtgggca gttggaacca ggccccaggg aatctttcag 180
ctgcattccg gctgtgatcg gcgggcaaca ggtagaggtg ctggaggggg atgagtcgtg 240
attttcagtg tctgtcatat tcgatcaagt gtgtcataga gcttcctgtt tcatctccca 300
gttattcagg gagaggctgg tgg 323

<210> 930
<211> 337
<212> DNA
<213> Homo sapiens

<400> 930
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aaaaaataac agaacgttgc gaatcgtgtt taagtacagg aggttcttga actttcattg 120
atgcagtgac tctttgcttt gctgacaatg aagagttcta tagtttgttt aaaaacaaac 180
agtttaaaaa ctaccgcact taaaaaaaaa aaatattctc atgccagctg acccccctttt 240
gtccacagct aagatggcag cagaatgcta tgtcactata tacagaaaca agacaacctg 300
aagctaaatg gatgcccccct gcagagtcaa caggtcc 337

<210> 931
<211> 445
<212> DNA
<213> Homo sapiens

<400> 931
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aattacaata aaacatcagc taactgggtt cttgtgagaa aactgaggtc agcttggaaa 120
ggagttcccc gagtggagtt cccagcggcc cgcggctgac ggccagatct gtcctgaggg 180
gtcgtgggag cccagcgcct gccttgaggg aaatgaacac tgaaaacagg atttgggagc 240
agtattggat tgacagcaga gaagggactg tttgtaaggg cagtttctca ctgaagctgc 300
taccattttc ctttgtaaag aagtcatcca cctcctccca gcggtgccca ttttcaagac 360
gctgccagag cctcttaaaa cagcttcttg aaagggtttt tccacaacgg gttctggaat 420
gttctgcttc agctctggag gatgc 445

<210> 932
<211> 510
<212> DNA
<213> Homo sapiens

<400> 932
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caagcagcta agctaacctc tgaccccact gatattcctg tggtgtgtct agaatcagat 120
aatgggaaca ttatgatcca gaaacacgat ggcatcacgg tggcagtgca caaaatggcc 180
tcttgatgct catatctgtt cttcagcagc ctgtcatagg aactggatcc tacctatgtt 240
aattacctta tagaactact aaagttccag tagttaggcc attcatttaa tgtgcattag 300
gcacttttct gtttatttaa gagtcaattg ctttctaatg ctctatggac cgactatcaa 360
gatattagta agaaaggatc atgttttgaa gcagcaggtc caggtcactt tgtatataga 420
attttgctgt attcaataaa tctgtttgga ggaaaatgga tcttttctag attctttaaa 480
cttaaccaaa tgttccttt gttcagttat 510

<210> 933
<211> 289
<212> DNA
<213> Homo sapiens

<400> 933
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ttaaaaaaga aaagtaattt agattaaaag atccaaggtg tattgtttca tgtaggtgtt 120
actgctacct atactttcac cccatttatt aagcccaaaa cacttcaagc aacttcaggt 180
tcataaatta ataaggaggt acagaagccc aaccaggatg ggaaagaatg tgtttcaggt 240
tagaagggga cagcatggct ccccaatgat gtcttgtatg gaacatttg 289

<210> 934
<211> 345
<212> DNA
<213> Homo sapiens

<400> 934
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gaattgcttt tataaaacat tctaatattg ctaagaagca ggcccattaa tagacaaaca 120
gaaaagaaca tgccaacgtt gtctatttgt agattaataa ataggcaatt attttaatat 180
acatatatgt cagcattgaa ctttggaaaa cagctgcttt gtagtggaag tccaacttgg 240
tcaaattgct atttttaatc gaagtgaatg ttgagtccac agaaagacaa aatcgtggca 300
tgttcttttt aaagtaaagt acacatttat gggaatgtgc ccgca 345

<210> 935

<211> 438
<212> DNA
<213> Homo sapiens

<400> 935
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ttaacaaata caatttttac aaatctgttt tgaaaatgtg gtggctgttt atttgggttt 120
catactctta attacttcat ccatcagttt tttaacttct ttgtgtcttg taactgctcg 180
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acagagtttg ccttcctcat ccattactat tgttaaggtt cctgttgcca gatgttcctc 300
ctctccagta gggtcaacta taagcaaagt gtcatcaaac acagcaaagg aagttgcaac 360
tggatgagtt ctaatattca aataactttt cttctttaaa ttaacttctg ctaaagcagt 420
ttcttcattt atagtaac 438

<210> 936
<211> 446
<212> DNA
<213> Homo sapiens

<400> 936
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gaaggccttc acctacaagg ctttcaacac cttcattgat gacgtctttg ccttcatcat 120
caccatgccc acgtctcacc ggctggcctg cttccgggac gacgtggtgt ttctggtcta 180
cctgtaccag cggtggcttt atcctgtgga taaacgcaga gtgaacgagt ttggggagtc 240
ctacgaggag aaggccacgc gggcgcccca cacggactga aggccgcccg gctgccgcag 300
ccaagtgcaa cttgaattgt caatgagtat ttttggaagc atttggagga attcctagac 360
attgcgtttt ctgtgttgcc aaaatccctt cggacatttc tcagacatct cccaagttcc 420
catcacgtca gatttggagc tggtag 446

<210> 937
<211> 427
<212> DNA
<213> Homo sapiens

<400> 937
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aaataacagt tttacaaaac ctcaaaatgt agtcatagca aacaagtaca tatgaacatg 120
aacattttcc ttcaacttat acagagtttt gtacgtgaac cacatggtca atagccaaga 180
gagggacatt atgcagctct aatcactctt attcaagaca ggtgtcaagc ccaaagaaaa 240
ggggctacac aattatacca gaagtggagg gctgcccttt gttatgtgtt tctacagcaa 300
ccagcccaca aaataagaag aaccttctct gtcttatgcc aaggtttttg tgtgtactgt 360
gctgtgaatt gtatttgctt caaagtgtgg gacgtttcac agggtgagaa tggtcaagta 420
gtgagac 427

<210> 938
<211> 352
<212> DNA
<213> Homo sapiens

<400> 938
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cttcttcgtc ttttttccg tgaatgtgta ggtgtttgag tctcttgtat ttcttctttt 120
acacaggata tgggctgttt gaaaactatt tcatcatctt tatcatcatc attcagttca 180
gccacttgag attttcgcct ctccaaaaat gttggtgtac aaactggtgt ggggccctgg 240
ctatccacag tcttctcagg agtgtcaaga gtacctgaaa ctttttttctt cttcttacgt 300
aaaacctggc cttttgtaga cgtctgacga ttagtttttg aaatactttc cg 352

<210> 939
<211> 369
<212> DNA
<213> Homo sapiens

<400> 939
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ttagtaacac ggcacccagc cccaccgccg cccgcttcat cgggtcctgc tcctaggagg 120
actgggctgg ggctgggggt ggggatggga tgggggtggg gaagggacgg gacgttgcag 180
tttaaggcat ttctggcttc ggagccatcc ctgccacctc tgcacctgcc ccttgacctt 240
ggtcagacac tggctggccc ctggtcattc tgagacaagg acgactttca ctgacgctgt 300
ggggaggatt tgcagtgagg cagccctcag ccgctctcag gcgagatggg aaagatgaga 360
cccaccact 369

<210> 940
<211> 455
<212> DNA
<213> Homo sapiens

<400> 940
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taggaaatta atgtgttata atgttttaca aatacagaga gaaaacacag aatattaaga 120
ccctgaagag agtgcatttg agaacgcagt tctatcatag gagaccactt gcagggaaca 180
cattaaagcc attgctgaca cagccatctg tcattcctgg tttgccgtca tttaagtagt 240
ttcaatagat aaatcggtga tttgctttta aacaaatatt aatgttaatg attagggtag 300
ccttgaaggg tttgtgagtg actgtactat acaatgtgat gctaggctta atgtgtcatt 360
tcaatgctgt tgtacattat gcaggggaaa taatgtctta ttacacatta actgcgacat 420
ccactaaaat gtgaactagt ttgcataggt tagtc 455

<210> 941
<211> 541
<212> DNA
<213> Homo sapiens

<400> 941
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ggcaagatgc cagcttggaa gtgccaagga gctaaagggc ccagcactgc cggccccaga 120
actgtctgtt caggctgtgc agtaagcacc agagcctcgc ctgtccacga agggtgtaag 180
cctgtgctcc acaatgtgct cagctccaga gaggcccaac aacctcagga gggcttggct 240
gtgggtctga atttctttcc tttgtgcttg aagctgcgca gtgggttctg ggactttgct 300
ctcttggcct tcctacaaga ggaagacagc ttcttccgct tttgtgaggg cgtaccaggc 360
cacggagagc aggaggaacc aggtagtcag gaacatggcc caggtggggc ttcaccactg 420
cggggtgcaa aggtaggtca tgccgcagca gctggaggtc cctagggttg tcttcaaagt 480
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g 541

<210> 942
<211> 365
<212> DNA
<213> Homo sapiens

<400> 942
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tttcaaagtt catatacagg cacagtctca gtgaactggc gtcagggcct cgtacagtct 120
ctgtgcagcc agctccacca tttctcggag ggattcatcg tcttcacttc cctcttcaca 180
ttctacagtc cgtgtctcca agttaaggtt ggcagttttc ccgtccactg tgacgctaag 240
aatagagtca tcctttacac ttacacagtc ttctccaaat atgtcctgga gcatgatctc 300
caacctcttg ctgtaaacgt gcatttctaa ttttttagaa accttctgta ctgcaccttt 360
tctta 365

<210> 943
<211> 332
<212> DNA
<213> Homo sapiens

<400> 943
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tgaccccaca tgggcccccc gtgcaagcag agctggccgg cccctccttg ctggcagagg 120
cacgggaggc ctgctgggga tgaggccact ggccagggct atgctgcacc agaccaatgg 180
caccgcccca cccctcccag cgcaggggca gcttggagca gaggcagcac tggccaccgc 240
tgcgggggca agtcagcgtc aagagagtcc ctgagtgaga aggcccagat aagcccaggc 300
cccccaggcc agcggacagg cacaggcagg gc 332

<210> 944
<211> 438
<212> DNA
<213> Homo sapiens

<400> 944
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gcccgagcaa gatttcgtgc cagagaaagt ctcagcattt ccaccttggt gttctctatg 180
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tccaaaaggg gcaaggcatc tgtcagcaga gtcatccaga aagaccgagg ggcaatccga 360
gacgtcatca aggacagaag gagagaagct gcgtcggcaa aacgcttctc cccgtacata 420
cggtggaact cgcgatac 438

<210> 945
<211> 454
<212> DNA
<213> Homo sapiens

<400> 945
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ggactccagc tggagagcct gtccgctcag caacacccca ggcagcacca agaataacat 180
gcccacaaga acatcatggc caagagacgc acaggcgcat cccgcttcca ggcacctttc 240
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ggctgtgcag gagtgaaagt ggggtcactt tccttccttt cccagctgct ggagtcggaa 360
ctgctgcctt tgtttggcgg ccttgtttct taaatcagtt ccctcttagg atttattaca 420
ctaaaaaaaa aattagtttt tgaaaagaaa tagg 454

<210> 946
<211> 446
<212> DNA
<213> Homo sapiens

<400> 946
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gccaggagta caaaatagga gctcttcaag cagcacatga agatggccca ggagccttca 180
gccatccaga gcagcagagc agcacctaaa tctccacaca cttcccagta taaccactaa 240
gaacacacta gacccttggc attaggggat ttatcatttc cagttctatt atctgggaat 300
gactccaagg gtttgtgaca agcttttgaa acgtaagtgc taagacgagt gtggacaagt 360
cactgagcta atgaagaata gacccactgt ctgcttggct ctgctatttt gtacctgtct 420
tcacatgtgg ggaaacttca taactg 446

<210> 947
<211> 392
<212> DNA
<213> Homo sapiens

<400> 947
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ccttcccatc ttcaaggtca agattgaacg ctgactcctg caggaagtct tccaggattc 180
ccaggcagga atgatggctc cctgtccctg tagctccagg agttcttgct tcacgcacgc 240
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ccacctacaa caggccagca atctacccgt gtgtgtttgt tggacagaat taaccatgat 360
gggcggccga gggcgctgga gctatttggg gg 392

<210> 948
<211> 372
<212> DNA
<213> Homo sapiens

<400> 948
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acctgttggg tcttggctgt tgggatgata attcttttgg gtgaggggaa cagccgtggt 180
caaggctgcc tgcaccccca tccaggcaca ggaccctggg caaagtctca aaagaggtag 240
tgtttttact ttcgcaccaa caatacaaca taagtattgg gtacaaaaga ggagatttcc 300
ttcccctcta cctcaacggg caaaaggcct tccatcttca gaagaggctt gtgaggacca 360
tcggttgatg ac 372

<210> 949
<211> 534
<212> DNA
<213> Homo sapiens

<400> 949
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aaaaattggt ttttgtggga tcaagctccc aagtagttca attttaagct tgcaagtttt 360
aacccgcata ctttttctat tcaaaacccc ccgattgctt tcatccctac ataggtatat 420
atccaatgtg ggaaaaacct ccttgggtaa tctgccgggg aaacttggct catgggaaat 480
ccgggcctct tcatgcagct ctgcctccgt agttcagggg ggttcccaaa ctca 534

<210> 950
<211> 293
<212> DNA
<213> Homo sapiens

<400> 950
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aacagtccca tcgctcttac ccggtaagta aacagtcaga aaattagcat gaaagcagtt 180
tagcattggg aggaagctca gatctctaga gctgtcttgt cgccgcccag gattgacctg 240
tgtgtaagtc ccaataaact cacctactca tcaaaaaaaa aaaaaaaaaa acc 293

<210> 951
<211> 254
<212> DNA
<213> Homo sapiens

<400> 951
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taggagactc ggaccggcag ccctggctcc agcttcatca tctgtgtctt ccctctctgg 180
ccaggctctt cgaggggatg caggaggctg ggcacggtga gctggcaggg ggcttggtct 240
tcgggtgccc agcg 254

<210> 952
<211> 344
<212> DNA
<213> Homo sapiens

<400> 952
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agatgaccta agcagcaaaa atttggccta tttaattaaa tgcacaggag gttgcagccg 180
catttattag aaaaatatta tcctttggaa attcctttct tgaagattgg ctccagggcg 240

ttgttctttc tgtttttatg caattgcact tccttggcag gcagccaggc gctccggtgc 300
tcacaggcca tgggacactc cagttccctg cagacccagc gggc 344

<210> 953
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 953
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ggcctcattt tggctgaaga ttaataattt tttaacatct tgtaaatatt cctgtattct 180
caacttttt ccttttgtaa attttttttt ttttgctgtc atccccactt tagtcacgag 240
atctttttct gctaactgtt catagtctgt gtagtgtcca tgggttcttc atgtgctatg 300
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atgtcaagtt cccaagtntc ccctgctggt t 451

<210> 954
<211> 534
<212> DNA
<213> Homo sapiens

<400> 954
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gccctcactc ccaccaagta cagctttacc acccaaggtc ctttcaggac ccaggcctgg 180
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caaactgcca aagtattcct gcagctccag cagggcccgg aagcgatggg agacagcgtt 480
cttctccgcc ttaggcatct ctgcgtacgt ctgctcatat ccatcaggct gaaa 534

<210> 955
<211> 418
<212> DNA
<213> Homo sapiens

<400> 955
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ataagcctaa acaatttcac ctaggtaaaa tattgatgtc ataaccaaac tatatggc 418

<210> 956
<211> 384
<212> DNA
<213> Homo sapiens

<400> 956
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agaccagtgt gaatggcaca caaaaatcgc ctctttataa attaactgga attcatgatc 180
atgaagtagg cacagggaaa tccagtcctc agggctttgc tctctggaag aacaccttta 240
agtaattttt aaaaacttta gcatcaggct gctgaagcgc ttgacaaaac tcctgaatta 300
tttctggagc tacttgcaag gagggcaggt attcttgttg aagatactga acacattctg 360
ggccccgttt gagatgaatt gttt 384

<210> 957
<211> 419
<212> DNA
<213> Homo sapiens

<400> 957
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gaactggaaa tgttcaaaag tgtcaaggtg gcttctggct gttttcctgc ctccctgtgg 240
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tgctcgggtg tgtgcccagg tgctgtggcc cccaaactcc gtggctcctc aagcatgtc 419

<210> 958
<211> 429
<212> DNA
<213> Homo sapiens

<400> 958
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gtccaagttg tatcaaatgc cacaaagtct accatgcacc cagaagcaga gaagacagga 180
ggtccagagg acaaggtatg gtggggtcac tactcgcact gcagagtcca cgcgagttaa 240
ctcatgctgg gggcaaagaa tggaaagagc taatacacag acaaagcaaa agaatgaaat 300
gcgcagctga ccagagacgt ttacaattta taccaactta caaatattta gggtgcccac 360
caactccgag agaacagacc aaactaacca catgaaggaa gacctctgcc ggggcctcct 420
ctccctaca 429

<210> 959
<211> 483
<212> DNA
<213> Homo sapiens

<400> 959
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atc 483

<210> 960
<211> 414
<212> DNA
<213> Homo sapiens

<400> 960
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attcacaaaa tttacacagc tcatgcatac cataacttat acagagaaca gtttagcagt 180
ctgcttaaaa tgttacaaaa aaaaatcata aaaagccatt gttctgttac acataatctg 240
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<210> 961
<211> 303
<212> DNA
<213> Homo sapiens

<400> 961
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aaaaatttca gcatccaaag tgcaaagaaa aaatgactgt agcttttctt accacaaaat 240
attgacaatc ttcccttata gcctactctt tattgttagt tgggatgcca aaggatgata 300
tat 303

<210> 962
<211> 391
<212> DNA
<213> Homo sapiens

<400> 962
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ataaacaact gaacatataa aaatcttgga cctaatttct ctaaagtctt gggttaaaag 180
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tcttagaaac ttgattgttg gatgtgtttt t 391

<210> 963
<211> 760
<212> DNA
<213> Homo sapiens

<400> 963
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<210> 964
<211> 1201
<212> DNA
<213> Homo sapiens

<400> 964
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<210> 965
<211> 2922

<212> DNA
<213> Homo sapiens

<400> 965
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<211> 415
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

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aatccaatat actcagaatg ttatccatct aaagcatttt tcatatctca actaagataa 300
cttttagcac atgcttaaat atcaaagcag ttgtcatttg gaagtcactt gtgaatagat 360
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<212> DNA
<213> Homo sapiens

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<223> n=a,t,g or c

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ctacccgccc ctgcgcatgc ccatnatncc cttcctgctc tgagcgctca cccctgctga 180
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acccggaata aagcccgnct gccccagtcg g 271

<210> 968
<211> 297
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

<400> 968
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tntccccaa amattgtttt tgkggccttg aattttargr caaatwttyt acasggsata 180
ttgcacaggg tgggtggcaa aaaaaagttt aaaaacaaaa acccttavsg grmcygcctt 240
aaaaaggvag acgkcctagk gccygtcatg ttatattamm catacataca cacaatc 297

<210> 969
<211> 3213
<212> DNA
<213> Homo sapiens

<400> 969

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gggaccaagg cccaaatgtc tgtgcccttc aacagatttt gggcaccaaa aagaaatact     180
tcagcacttg taagaactgg tataaaaagt ccatctgtgg acagaaaacg actgttttat     240
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<211> 836
<212> DNA
<213> Homo sapiens

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<210> 971
<211> 2333
<212> DNA
<213> Homo sapiens

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<211> 328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> n=a,t,g or c

<400> 972
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<210> 973
<211> 350
<212> DNA
<213> Homo sapiens

<220>
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<223> n=a,t,g or c

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<210> 974
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<212> DNA
<213> Homo sapiens

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<210> 975
<211> 2104
<212> DNA
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<210> 976
<211> 367
<212> DNA
<213> Homo sapiens

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<210> 977
<211> 2427
<212> DNA
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